Report 1

Sapthagiri College of Engineering

Dept. of Information Science and Engineering

Technical Club Report

TECHNICAL QUIZ EVENT

Hello,

Couldn't get a slot registered for getting vaccinated? Worry not, our quizzes are open to all of you! We'd like to invite you to participate in the "Quiz competition" organized by ISTC. This quiz will be focus on your general knowledge in the vast world of computers and programming.

The participation of the ISE students is compulsory in the quiz and the winners will be awarded with certificates.

Here's the link to the event:
https://presenter.jivrus.com/p/11yeEsaXbDxFfmieirsYM4x8F8xk4xpmVEy4F9o4MROw

This free event will be held on **6th June, 21** via online mode on Google forms from **2:00 pm to 2:40 pm**. It will be an amazing weekend with code, fun and lots of learnings.

May the winning side of the Force be with you.

Poster for the event:

The Quiz Questions

1) Consider the following C function

```
void swap (int a, int b)
{
    int temp;
    temp = a;
    a = b;
    b = temp;
}
```

Options: a) Call swap(x,y)

b) swap(x,y) cannot be used as the parameters are passed by value

c) swap(x,y) cannot be used as it does not return any value

Answer: b) swap(x,y) cannot be used as the parameters are passed by value

2) Which of the following is the larger in terms of Data?

Options: a) Zettabyte

b) Yottabyte

c) Petabyte

Answer: b) Yottabyte

3) Study the following program:

```
main()
{
    printf("SCE");
    main();
}
```

What will be the output of this program?

Options: a) It will keep on printing SCE

b) It will Print SCE once

c) None of the these

Answer: a) It will keep on printing SCE

4) One of the first computers, the ENIAC is an acronym for "Electrical Numerical Integrator and What"?

Options: a) computer

b) calculator

c) contraption

Answer: b) calculator

5) In 1975, Paul Allen and who else licensed their BASIC programming language to MITS for use on their Altair 8800 computer?

Options: a) John Titus

b) Bill Gates

c)Steve Wozniak

Answer: b) Bill Gates

6) As signed 8 bit integers, which of the following values is the maximum? (options are in base 2)
   Options: a) 01101110
             b) 10010010
             c) 11111111
   Answer: a) 01101110

7) In 1996, a computer beat Garry Kasparov, current world chess champion. What was the name of the computer?
   Options: a) Deep blue
             b) big Blue
             c) Dark Blue
   Answer: a) Deep blue

8) For which encryption device did Alan Turing discover a vulnerability?
   Options: a) Halley machine
             b) Enigma machine
             c) Cryptonomicon
   Answer: b) Enigma machine

9) A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?
   Options: a) Queue
             b) Circular queue
             c) Dequeue
   Answer: c) Dequeue

10) A one-dimensional array A has indices 1....75.Each element is a string and takes up three memory words. The array is stored starting at location 1120 decimal. The starting address of A[49] is
    Options: a) 1164
             b) 1167
             c) 1264
    Answer: c) 1264

11) Which header file should be included to use functions like malloc() and calloc()?
    Options: a) stdlib.h
              b) memory.h
              c) string.h
    Answer: a) stdlib.h

12) The Apollo Guidance Computer, AGC used on the Apollo 11 mission that successfully landed on the moon had the equivalent of how much RAM?

Options: a) 4 Kilobytes

b) 16 Kilobytes

c) 64 Kilobytes

Answer: a) 4 Kilobytes

13) What is required in each C program?

Options: a) The program must have at least one function.

b) The program does not require any function

c) Input data

Answer: a) The program must have at least one function.

14) Who invented the famous "Game of Life" automaton simulation game?

Options: a) John Conway

b) Steve Jobs

c) Barry Manilow

Answer: a) John Conway

15) Consider the following type definition: typedef char x[10]; x myArray[5]; What will sizeof(myArray) be ? (Assume one character occupies 1 byte)

Options: a) 15 bytes

b) 10 bytes

c) 50 bytes

Answer: c) 50 bytes

16) A pointer is a memory address. Suppose the pointer variable has p address 1000, and that p is declared to have type int*, and an int is 4 bytes long. What address is represented by expression p + 2?

Options: a) 1002

b) 1008

c) 1004

Answer: b) 1008

17) Which of the following function is user defined?

Options: a) printf

b) main

c) scanf

Answer: b) main

18) Break statement is used for what?

Options: a) Quit a program
          b) Quit the current iteration
          c) both a and b
Answer: b) Quit the current iteration

19) A pointer pointing to a memory location of the variable even after deletion of the variable is known as
    Options: a) far pointer
              b) dangling pointer
              c) null pointer
    Answer: b) dangling pointer

20) Prototype of a function means
    Options: a) Name of Function
              b) Output of function
              c) Declaration of function
    Answer: c) Declaration of function

Winners

First rank: **Thanush TD**   USN: **1SG20IS102**
Second rank: **Varshitha Y.B**   USN: **1SG20IS109**

	A	B	C	D	E	F	G	H	I	J
	Timestamp	Email address	Score	First Name	Second Name	USN	Consider the following C	Which of the following is	Study the following progr	One of the first com
2	06/06/2021 14:40:08	tanushgowda02@gmail.c	38 / 40	THANUSH	T D	1SG20IS102	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
3	06/06/2021 14:42:23	varshithabasavesh03@g	38 / 40	Varshitha	Y.B	1SG20IS109	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
4	06/06/2021 14:29:37	aditiaryafiitjee@gmail.cor	34 / 40	Aditi	Arya	1SG20IS002	Call swap (x, y)	Yottabyte	None of the these	computer
5	06/06/2021 14:36:40	Shwethamngowda17@gr	34 / 40	Shwetha	M	1SG20IS089	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
6	06/06/2021 14:26:07	anandapurva3471@gma	32 / 40	Apurva	Anand	1SG20IS012	swap(x,y) cannot be use	Yottabyte	None of the these	computer
7	06/06/2021 14:22:38	shreyaspargaonkar@gm	30 / 40	shreyas	ap	1SG20IS085	Call swap (x, y)	Yottabyte	It will keep on printing SC	computer
8	06/06/2021 14:34:44	nithinnayak888@gmail.c	30 / 40	Nithin T S		1SG20IS064	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
9	06/06/2021 14:37:26	prachisinha499@gmail.c	30 / 40	Prachi Sinha		1SG20IS068	Call swap (x, y)	Yottabyte	It will keep on printing SC	computer
10	06/06/2021 14:38:34	sweetybouri95052@gma	30 / 40	sweety	bouri	ISG20IS101	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	calculator
11	06/06/2021 14:38:56	prabhatshandilya3089@	30 / 40	Prabhat	Shandilya	1SG19IS067	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	calculator
12	06/06/2021 14:41:47	shalinishettyh@gmail.cor	30 / shalini		H	1SG20IS081	swap(x,y) cannot be use	Petabyte	None of the these	computer
13	06/06/2021 14:46:48	nisargas4122002@gmail	30 / 40	Nisarga	S	1SG20IS059	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
14	06/06/2021 14:17:50	nithinseerappa584@gma	28 / 40	Nithin	Sr	1SG20IS063	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
15	06/06/2021 14:25:39	hardiksingh716@gmail.c	28 / 40	Hardik	Singh	1SG20IS035	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
16	06/06/2021 14:29:58	ganeshravi2706@gmail.	28 / 40	Ganesh	R	1SG20IS033	Call swap (x, y)	Yottabyte	It will keep on printing SC	computer
17	06/06/2021 14:40:37	suryansh.srivastava1605	28 / 40	Suryansh Kumar	Srivastava	1SG20IS100	Call swap (x, y)	Yottabyte	It will Print SCE once	computer
18	06/06/2021 14:41:02	shrivastwautkarsh005@g	28 / 40	Utkarsh	kumar	1SG20IS105	Call swap (x, y)	Yottabyte	It will Print SCE once	computer
19	06/06/2021 14:43:48	Suhasshiv978@gmail.co	28 / 40	Suhas	S	1SG20IS096	Call swap (x, y)	Yottabyte	It will Print SCE once	computer
20	06/06/2021 15:48:13	preetisg086@gmail.com	28 / 40	Preeti	Galagali	1SG20IS070	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
21	06/06/2021 15:48:13	srushtibasavaraddi70@g	28 / 40	Srushti	Basavaraddi	1SG20IS094	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
22	06/06/2021 16:18:36	supriya.bgowda2002@gr	28 / 40	Supriya	B	1SG20IS098	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
23	06/06/2021 14:34:46	yashubn2002@gmail.cor	26 / 40	Yashaswini	B N	1SG20IS116	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
24	06/06/2021 14:38:04	bazghasyed1235@gmail	26 / 40	Bazgha	Dastagir	1SG20IS014	Call swap (x, y)	Yottabyte	None of the these	computer
25	06/06/2021 14:39:55	shrutijaiswal1923@gmail	26 / 40	shruti	jaiswal	1SG20IS086	Call swap (x, y)	Yottabyte	It will keep on printing SC	computer
26	06/06/2021 14:42:38	safiyasuleman786@gma	26 / 40	Safiya	Bi	1SG20IS078		Yottabyte	It will keep on printing SC	computer
27	06/06/2021 15:09:47	venuvirat765@gmail.com	26 / 40	VENU	M	1SG20IS112	Call swap (x, y)	Petabyte	It will Print SCE once	computer
28	06/06/2021 15:09:47	venkateshkunigri@gmail.	26 / 40	Venkatesh	K	1SG20IS111	Call swap (x, y)	Petabyte	It will Print SCE once	computer
29	06/06/2021 16:24:55	Pavanrnaik2002@gmail.	26 / 40	Pavan	R	1SG20IS066	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
30	06/06/2021 14:23:57	shreerakshag39@gmail.	24 / 40	Shreeraksha Ganesh	Naik	1SG20IS084	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
31	06/06/2021 14:24:57	smitha2892002@gmail.c	24 / 40	Smitha S V		1SG2IS092	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
32	06/06/2021 14:25:52	sumukh.kashyap02@gm	24 / 40	K.M.Sumukh	Kashyap	1SG20IS041	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
33	06/06/2021 14:28:49	aishwaryalakshminarayar	24 / 40	Aishwarya.L		1SG20IS006	Call swap (x, y)	Zettabyte	None of the these	computer
34	06/06/2021 14:37:48	jeevithajhegde@gmail.cc	24 / 40	Jeevitha	Hegde	1SG20IS040	Call swap (x, y)	Petabyte	It will Print SCE once	computer
35	06/06/2021 14:37:52	kruthagna.10@gmail.con	24 / 40	Kruthagna	G	1SG20IS045	Call swap (x, y)	Petabyte	It will Print SCE once	computer
36	06/06/2021 14:40:25	satvikakori@gmail.com	24 / 40	Satvika	K	1SG20IS080	Call swap (x, y)	Zettabyte	It will Print SCE once	computer
37	06/06/2021 14:44:46	homanth14june@gmail.c	24 / 40	Homanth	BC	1SG20IS037	swap(x,y) cannot be use	Petabyte	None of the these	computer

Form responses 1   Explore

Sheet 1 (rows 26–55):

	A (Timestamp)	B (Email address)	C (Score)	D (First Name)	E (Second Name)	F (USN)	G (Consider the following C)	H (Which of the following is)	I (Study the following progr)	One of the
26	06/06/2021 14:42:38	safiyasuleman786@gma	26 / 40	Safiya	Bi	1SG20IS078		Yottabyte	It will Print SCE once	computer
27	06/06/2021 15:09:47	venuvirat765@gmail.com	26 / 40	VENU	M	1SG20IS112	Call swap (x, y)	Petabyte	It will Print SCE once	computer
28	06/06/2021 15:09:47	venkateshkunigri@gmail.	26 / 40	Venkatesh	K	1SG20IS111	Call swap (x, y)	Petabyte	It will Print SCE once	computer
29	06/06/2021 16:24:55	Pavanrnaik2002@gmail.c	26 / 40	Pavan	R	1SG20IS066	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
30	06/06/2021 14:23:57	shreerakshag39@gmail.c	24 / 40	Shreeraksha Ganesh	Naik	1SG20IS084	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
31	06/06/2021 14:24:57	smitha2892002@gmail.c	24 / 40	Smitha S V		1SG2IS092	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
32	06/06/2021 14:25:52	sumukh.kashyap02@gm	24 / 40	K.M.Sumukh	Kashyap	1SG20IS041	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
33	06/06/2021 14:28:49	aishwaryalakshminarayal	24 / 40	Aishwarya.L		1SG20IS006	Call swap (x, y)	Zettabyte	None of the these	computer
34	06/06/2021 14:37:48	jeevithajhegde@gmail.cc	24 / 40	Jeevitha	Hegde	1SG20IS040	Call swap (x, y)	Petabyte	It will Print SCE once	computer
35	06/06/2021 14:37:52	kruthagna.10@gmail.con	24 / 40	Kruthagna	G	1SG20IS045	Call swap (x, y)	Petabyte	It will Print SCE once	computer
36	06/06/2021 14:40:25	satvikakori@gmail.com	24 / 40	Satvika	K	1SG20IS080	Call swap (x, y)	Zettabyte	It will Print SCE once	computer
37	06/06/2021 14:44:46	hemanth14june@gmail.c	24 / 40	Hemanth	BC	1SG20IS037	swap(x,y) cannot be use	Petabyte	None of the these	computer
38	06/06/2021 14:39:51	pavithra.pavithrapavi222	22 / 40	Nagaveni.	R	1SG20IS053	Call swap (x, y)	Petabyte	It will keep on printing SC	computer
39	06/06/2021 14:42:11	bhavya.giriyappa@gmail.	22 / 40	Bhavya G		1SG20IS016	swap(x,y) cannot be use	Yottabyte	None of the these	computer
40	06/06/2021 17:52:46	nishakshetty29032003@	22 / 40	Nisha	Shetty	1SG20IS061	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
41	06/06/2021 14:17:18	shrkis31@gmail.com	20 / 40	Shruti	Kishore	1SG20IS087	Call swap (x, y)	Petabyte	It will Print SCE once	computer
42	06/06/2021 14:29:44	lakshmithaachar17@gma	20 / 40	Lakshmitha	NR	1SG20IS047	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
43	06/06/2021 14:44:23	bharathigowdad12@gma	20 / 40	Bharathi	D	1SG20IS015		Petabyte		computer
44	06/06/2021 14:36:53	ccshree.cc@gmail.com	18 / 40	Chaitraashree C		1SG20IS020		Petabyte	None of the these	computer
45	06/06/2021 15:04:05	deeksha.s20102@gmail.	18 / 40	Deeksha	S	1SG20IS025	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
46	07/06/2021 09:16:27	yashaswinimkori@gamil.	18 / 40	Kori	Yashaswini M	1SG20IS117	swap(x,y) cannot be use	Petabyte	It will keep on printing SC	computer
47	06/06/2021 14:15:36	harshith.hrithik001@gma	16 / 40	Harshith	M P	1SG20IS036	Call swap (x, y)	Zettabyte	It will Print SCE once	calculator
48	06/06/2021 14:19:07	manjunatha200211@gma	16 / 40	Manjunath A		1SG20IS051	Call swap (x, y)	Zettabyte	It will keep on printing SC	computer
49	06/06/2021 15:04:58	dushyanthramesh14@gn	16 / 40	Dushyanth	R	1SG20IS030	swap(x,y) cannot be use	Zettabyte	It will keep on printing SC	computer
50	06/06/2021 16:39:42	vinaykrishnavk028@gma	16 / 40	B S VINAY	Krishna	1SG20IS013	swap(x,y) cannot be use	Petabyte	It will Print SCE once	calculator
51	06/06/2021 14:10:38	vivrfvg@gmail.com	14 / 40	vivek	c	1SG20IS115	Call swap (x, y)	Yottabyte	It will Print SCE once	computer
52	06/06/2021 14:25:42	sharanya.n.reddy@gmail	14 / 40	Sharanya NS		1SG20IS082	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
53	06/06/2021 14:31:43	pallavi24vijay@gmail.con	14 / 40	Pallavi	V B	1SG20IS065	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
54	06/06/2021 14:39:41	dishaelly@gmail.com	14 / 40	Disha	Shivalingaiah	1SG20IS028	swap(x,y) cannot be use	Petabyte	It will keep on printing SC	computer
55	06/06/2021 17:31:48	rashmipydipalla@gmail.c	14 / 40	Pydipalla	Rashmi	1SG20IS071	swap(x,y) cannot be use	Zettabyte	It will Print SCE once	computer
56	06/06/2021 14:29:08	rdevadiga530@gmail.cor	12 / 40	Raksha		1SG20IS074	Call swap (x, y)	Zettabyte	None of the these	calculator

Form responses 1

Sheet 2 (rows 32–59):

	A (Timestamp)	B (Email address)	C (Score)	D (First Name)	E (Second Name)	F (USN)	G (Consider the following C)	H (Which of the following is)	I (Study the following progr)	One of the
32	06/06/2021 14:25:52	sumukh.kashyap02@gm	24 / 40	K.M.Sumukh	Kashyap	1SG20IS041	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
33	06/06/2021 14:28:49	aishwaryalakshminarayal	24 / 40	Aishwarya.L		1SG20IS006	Call swap (x, y)	Zettabyte	None of the these	computer
34	06/06/2021 14:37:48	jeevithajhegde@gmail.cc	24 / 40	Jeevitha	Hegde	1SG20IS040	Call swap (x, y)	Petabyte	It will Print SCE once	computer
35	06/06/2021 14:37:52	kruthagna.10@gmail.con	24 / 40	Kruthagna	G	1SG20IS045	Call swap (x, y)	Petabyte	It will Print SCE once	computer
36	06/06/2021 14:40:25	satvikakori@gmail.com	24 / 40	Satvika	K	1SG20IS080	Call swap (x, y)	Zettabyte	It will Print SCE once	computer
37	06/06/2021 14:44:46	hemanth14june@gmail.c	24 / 40	Hemanth	BC	1SG20IS037	swap(x,y) cannot be use	Petabyte	None of the these	computer
38	06/06/2021 14:39:51	pavithra.pavithrapavi222	22 / 40	Nagaveni.	R	1SG20IS053	Call swap (x, y)	Petabyte	It will keep on printing SC	computer
39	06/06/2021 14:42:11	bhavya.giriyappa@gmail.	22 / 40	Bhavya G		1SG20IS016	swap(x,y) cannot be use	Yottabyte	None of the these	computer
40	06/06/2021 17:52:46	nishakshetty29032003@	22 / 40	Nisha	Shetty	1SG20IS061	swap(x,y) cannot be use	Yottabyte	It will keep on printing SC	computer
41	06/06/2021 14:17:18	shrkis31@gmail.com	20 / 40	Shruti	Kishore	1SG20IS087	Call swap (x, y)	Petabyte	It will Print SCE once	computer
42	06/06/2021 14:29:44	lakshmithaachar17@gma	20 / 40	Lakshmitha	NR	1SG20IS047	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
43	06/06/2021 14:44:23	bharathigowdad12@gma	20 / 40	Bharathi	D	1SG20IS015		Petabyte		computer
44	06/06/2021 14:36:53	ccshree.cc@gmail.com	18 / 40	Chaitraashree C		1SG20IS020		Petabyte	None of the these	computer
45	06/06/2021 15:04:05	deeksha.s20102@gmail.	18 / 40	Deeksha	S	1SG20IS025	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
46	07/06/2021 09:16:27	yashaswinimkori@gamil.	18 / 40	Kori	Yashaswini M	1SG20IS117	swap(x,y) cannot be use	Petabyte	It will keep on printing SC	computer
47	06/06/2021 14:15:36	harshith.hrithik001@gma	16 / 40	Harshith	M P	1SG20IS036	Call swap (x, y)	Zettabyte	It will Print SCE once	calculator
48	06/06/2021 14:19:07	manjunatha200211@gma	16 / 40	Manjunath A		1SG20IS051	Call swap (x, y)	Zettabyte	It will keep on printing SC	computer
49	06/06/2021 15:04:58	dushyanthramesh14@gn	16 / 40	Dushyanth	R	1SG20IS030	swap(x,y) cannot be use	Zettabyte	It will keep on printing SC	computer
50	06/06/2021 16:39:42	vinaykrishnavk028@gma	16 / 40	B S VINAY	Krishna	1SG20IS013	swap(x,y) cannot be use	Petabyte	It will Print SCE once	calculator
51	06/06/2021 14:10:38	vivrfvg@gmail.com	14 / 40	vivek	c	1SG20IS115	Call swap (x, y)	Yottabyte	It will Print SCE once	computer
52	06/06/2021 14:25:42	sharanya.n.reddy@gmail	14 / 40	Sharanya NS		1SG20IS082	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
53	06/06/2021 14:31:43	pallavi24vijay@gmail.con	14 / 40	Pallavi	V B	1SG20IS065	swap(x,y) cannot be use	Petabyte	It will Print SCE once	computer
54	06/06/2021 14:39:41	dishaelly2@gmail.com	14 / 40	Disha	Shivalingaiah	1SG20IS028	swap(x,y) cannot be use	Petabyte	It will keep on printing SC	computer
55	06/06/2021 17:31:48	rashmipydipalla@gmail.c	14 / 40	Pydipalla	Rashmi	1SG20IS071	swap(x,y) cannot be use	Zettabyte	It will Print SCE once	computer
56	06/06/2021 14:29:08	rdevadiga530@gmail.cor	12 / 40	Raksha		1SG20IS074	Call swap (x, y)	Zettabyte	None of the these	calculator
57	06/06/2021 14:32:58	niranjanags1212@gmail.	10 / 40	Niranjana	Suresh	1SG20IS058	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	computer
58	06/06/2021 14:29:11	karthikrodagai01@gmail.	8 / 40	Kartik	Virupakshappa	1SG20IS043	swap(x,y) cannot be use	Yottabyte	It will Print SCE once	contraptio
59	06/06/2021 15:05:09	praveenhegde1224@gm	0 / 40	Praveen	Hegde	1SG20IS069				
60										
61										

Form responses 1