

Pirates of 'c'

Round 1 – 'C' Dock

Duration : 90 minutes

Total Marks : 80

RULES

1. All Questions are compulsory.
2. Save the source of the program with the same name as the name of the program.
3. Cut-off for this round is **45 marks**
4. Any participant found making use of external resources such as **mobile phone, pen drive** for searching the source code of the program will be **banished** from the competition immediately.

NOTES

1. Read all questions **carefully**.
2. Create a folder on the desktop with the name same as roll number allotted to you and save all source files in it.

Q1) **Program Name** : star.c 11 marks

Objective : Write a c program to print the following output

```

*
* * *
* * * * *
* * * * *

```

Q2) **Program Name** : nosemi.c 8 marks

Objective : Print "Pirates of c" without using semicolon (;) in the entire program.

Q3) **Program Name** : beforemain.c 8 marks

Objective : write a function named 'pirate' to print 'SRKNEC', and execute this function before main.

Q4) **Program Name** : dateofbirth.c 15 Marks

Objective : write a program to find your Day of Birth , given Date of Birth

Test condition : suppose your date of birth is ' 17 march 1991'

Input to the program : 17 03 1991

Expected output : Sunday.

Q5) **Program Name** : swap.c 8 marks

Objective : Write a c program to swap two number using bitwise operator.

Restriction : Size of source file swap.c must not exceed 250 bytes.

- Q6) **Program Name** : email.c 15 marks
- Objective** : Print e-mail addresses found in text.
- Test Condition : suppose following texts are input in the command line "my email id is xyz@gmail.com . qre@gmail.com"
- Expected output : xyz@gmail.com
qre@gmail.com
- Q7) **Program Name** : replace.c 15 marks
- Objective** : Write a c program to replace all the occurrence of particular word with some other word in a file.
Use input.txt as your text file.

**"A language that doesn't have everything is actually easier
to program in than some that do." By Dennis . M. Ritchie**