

GIRI's Tech Hub, Pune
Programming (Machine) Test

Batch: Jan-24

Date: 09-02-2024

Timing: 08:10 to 9:50 am

Instructions:

1. Solve all
2. Input should be from user
3. Indentation and comments mandatory

Program 1. Write a C program to display all Armstrong numbers from 1 to N (Take N from user).

Program 2. Write a c program to display following Pattern

```
      1
    1  2
  1  2  3
1  2  3  4
1  2  3  4  5
```

Program 3. Write a C program to display following pattern

```
  *   #   *   #   *
    #   *   #   *
      *   #   *
        #   *
          *
```

Program 4. Write a Menu driven program for following operations

- a. Sum of Digits of Given Number
 - b. Count number of digits in given number
 - c. Reverse the given Number
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Program 5. Write a c program to check whether a given character is a alphabet or a digit or a symbol (take a character from user)

-----ALL THE BEST-----