

Department of Computer Science and Engineering
School of Engineering and Technology, CURAJ
B.Tech. (CSE+ECE+BME) II Sem.
Lab Assignment 4
Programming Lab (Using C)

Q.1. Write a C program to print the following pattern:

1. for N number of rows given by user

12345

1234

123

12

1

2. for N number of rows given by user

3.

1

2 3 4

5 6 7 8 9

Q.2. Write a C program to check whether a number is palindrome or not.

Q.3. Write a C program to find sum of first and last digit of a number.

Q.4. Write a C program to check whether a number is Armstrong number or not.

Q.5. Write a C program to calculate product of digits of a number.

Q.6. Write a C Program to print following pattern:

1.

```

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

```

2.

```

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

```

3.

```

1
10
101
1010
10101

```