Institute of Engineering and Management, New Town Campus
University of Engineering and Management, Kolkata
Assignment-3, Second Semester-2024
Course Name: Programming for Problem Solving Laboratory
Course Code: ESCCS291

1. Print the following pattern upto N Lines:

```
****
****
****
****
```

for N = 4

2. Print the following pattern upto N Lines:

```
*
**
***
****
```

for N = 4

3. Print the following pattern upto N Lines:

```
****
 ***
  **
   *
```

for N = 4

4. Print the following pattern upto N Lines:

```
   *
  * *
 * * *
* * * *
```

for N = 4

5. Print the following pattern upto N Lines:

```
   *
  ***
 *****
*******
```

for N = 4

6. Print the following pattern upto N Lines:

```
*******
 *****
  ***
   *
```

for N = 4

7. Write a Program to print given pattern:

```
A
BB
CCC
DDDD
```

8 Write a Program to print given pattern:
        ABCDE
        CDEF
        EFG
        GH
        I

9 Write a Program to print given pattern:
        A
        BC
        CDE
        DEFG
        EFGHI

10 Write a Program to print given pattern:
        A
        AC
        ACE
        ACEG
        ACEGI

11 Write a Program to print given pattern:
        1
        12
        123
        1234
        12345

        for N=5

12 Print the following pattern upto N Lines:
        10001
        01010
        00100
        01010
        10001

        for N = 5

13 Print the following pattern upto N Lines:
        1
        121
        12321
        1234321

        for N = 4

14 Print the following pattern upto N Lines:
        1
        1 1
        1 2 1
        1 3 3 1
        1 4 6 4 1

        for N=5