

CORE PROGRAMMING

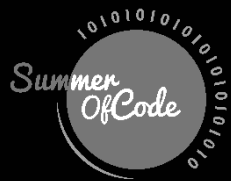
Core Programming Tasks :

1. Pattern Program

Task to Perform

Input : 9

```
A B C D E
Z Y X W
A B C D
Z Y C
A Z B
A Z B
A Z B
A Z B Y C
A Z B Y C X D
A Z B Y C X D W E
A B C D
```

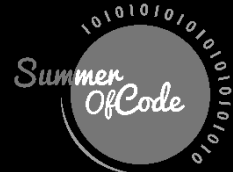


Task to Perform

**Write a Program That Print
Pattern Like This**

input : 5

```
123454321
2345432
34543
454
5
```



Task to Perform

**Write a Program That Print
Pattern Like This**

input : 7

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



Task to Perform

**Write a Program That Print
Pattern Like This**

input : 7

```
7
6 7
5 6 7
4 5 6 7
3 4 5 6 7
2 3 4 5 6 7
1 2 3 4 5 6 7
```

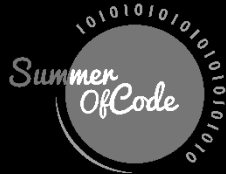


Task to Perform

Write a Program That Print
Pattern Like This

input : 7

```
  *
 1 2
* * *
1 2 3 4
* * * * *
1 2 3 4 5 6
* * * * * *
```



Task to Perform

Write a Program That Print
Pattern Like This

input : 4

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



2. Choose any 2 and create the program.

- A. Make Your Own Chess Game
- B. Build Your Own Calculator
- C. Create a To-Do List Application
- D. Develop a Weight Conversion Tool
- E. Code a Rock, Paper, Scissors Game
- F. Build Your Own Tic Tac Toe

Submit on : 20/05/2020