

We will be studying the following **patterns after completing the chapter on Functions.**

Please feel free to try them on your own!

HOLLOW RECTANGLE pattern

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

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COLLEGE

avishek.dutta16@gmail.com

INVERTED & ROTATED HALF-PYRAMID pattern

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

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avishek.dutta169@gmail.com

INVERTED HALF-PYRAMID with Numbers pattern

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

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FLOYD'S Triangle pattern

1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

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avishek.dutta16@gmail.com

0-1 Triangle pattern

```
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
```

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avishek.dutta16@gmail.com

BUTTERFLY pattern



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avishek.dutta16@gmail.com

SOLID RHOMBUS pattern

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

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avishek.dutta16@gmail.com

HOLLOW RHOMBUS pattern



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DIAMOND pattern



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avishek.dutta16@gmail.com

NUMBER PYRAMID pattern

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

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avishek.dutta16@gmail.com

PALINDROMIC Pattern with Numbers pattern

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

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