



# **LAHTP - Assignment 1 Batch 5**

**Date: 13th Sep, 2021**

**Please try out the following questions, and try to get the desired output using the loops with C.**

Regards,  
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### Question 1: Half Pyramid of \*

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

### Question 2: Half Pyramid of Numbers

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

### Question 3: Half Pyramid of Alphabets

```
A  
B B  
C C C  
D D D D  
E E E E E
```

### Question 4: Inverted half pyramid of \*

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

### Question 5: Inverted half pyramid of numbers

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

### Question 6: Full Pyramid of \*

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

### Question 7: Full Pyramid of Numbers

```
  1
 2 3 2
3 4 5 4 3
4 5 6 7 6 5 4
5 6 7 8 9 8 7 6 5
```

### Question 8: Inverted full pyramid of \*

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

### Question 9: Pascal's Triangle

```
  1
 1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
```

### Question 10: Floyd's Triangle.

```
1
2 3
4 5 6
7 8 9 10
```