

Assignment 2

Date: 14/03/2023

Submission Date: 17/03/2023

Pattern 1

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

Pattern 2

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

Pattern 3

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

Pattern 4

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

Pattern 5

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

Pattern 6

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

Pattern 7

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

Pattern 8

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

Pattern 9

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

Pattern 10

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

Pattern 11

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

Pattern 12

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

Pattern 13

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

Pattern 14

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

Pattern 15

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

Pattern 16

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

Pattern 17

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

Pattern 18

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

Pattern 1

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

Pattern 2

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

Pattern 3

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

Pattern 4

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

Pattern 5

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

Pattern 6

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

Pattern 7

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

Pattern 8

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

Pattern 9

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

Pattern 10

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

Pattern 11

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

Pattern 12

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

Pattern 13

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

Pattern 14

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

Pattern 15

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

Pattern 16

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

```

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

```

Pyramid Pattern-1

```

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

```

Pyramid Pattern-2

```

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

```

Pyramid Pattern-3

```

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

```

Pyramid Pattern-4

```

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

```

Pyramid Pattern-5

```

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

```

Inverted Pyramid Pattern-6

```

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

```

Inverted Pyramid Pattern-7

JournalDev

```

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

```

Half Pyramid

```

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

```

Inverted Half Pyramid

```

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

```

Hollow Inverted Half Pyramid

```

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

```

Full Pyramid

```

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

```

Inverted Full Pyramid

```

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

```

Hollow Full Pyramid