

Some Patterns Coding Questions using Loops

Q1. Write a program to print the following pattern.

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

Q2. Write a program to print the following pattern.

```
1
121
12321
1234321
123454321
```

Q3. Write a program to print the following pattern.

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

Q4. Write a program to print the following pattern.

```
1
12A
123BA
1234CBA
12345DCBA
```

Q5. Write a program to print the following pattern.

```
1111112
3222222
3333334
5444444
5555556
7666666
```

Q6. Write a program to print the following pattern.

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

Q7. Write a program to print the following pattern.

```
6*6*6*6
5*5*5
4*4
3
3
4*4
5*5*5
6*6*6*6
```

Q8. Write a program to print the following pattern.

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

Q9. Write a program to print the following pattern.

```
1
121
12321
1234321
123454321
1234321
12321
121
1
```