Questions

1. Write a program to check a number is even or odd using bitwise operator?

2. Write a program to calculate 2^x using bitwise operator?

3. Write a program to print the following number pyramid?

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

4. Write a program to print the inverted pyramid?

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

5. Write a program to print the full pyramid?

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

6. Write a program to print Floyds Triangle?

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

7. Write a program to find the sum of first N natural number using for loop?

8. Write a program to print all the digits of a number?

```
SAMPLE INPUT 321 486 SAMPLE OUTPUT 3 2 1 4 8 6
```

9. Write a program to check whether a number is prime or not?

10. Write a program to print Binary representation of a given number N.