

In [23]: *# Task 1: Write a program to print the following using while loop:*

```
# a) First 10 Even Numbers
print("First 10 even number : ")
i=0
while i<20 :
    print(i , end = " ")
    i = i + 2
# b) First 10 Odd Numbers
print("\nFirst 10 odd number : ")
i=1
while i < 20 :
    print(i, end = " ")
    i = i + 2
```

First 10 even number :
 0 2 4 6 8 10 12 14 16 18
 First 10 odd number :
 1 3 5 7 9 11 13 15 17 19

In [22]: *# Task 2: Write a program to print first 10 natural number in reverse order Using while*

```
i = 10
while i > 0 :
    print(i , end = " ")
    i = i - 1
```

10 9 8 7 6 5 4 3 2 1

In [11]: *# Task 3: Write a program to print the square of numbers (1 to 5) using while loop.*

```
i = 1
while i < 6 :
    print(i*i)
    i = i + 1
```

1
 4
 9
 16
 25

In [19]: *# Task 4: Write a program to print a number series (10 to 100) Using while loop.*

```
i = 10
while i < 101 :
    print(i , end=" ")
    i = i+10
```

10 20 30 40 50 60 70 80 90 100

In [13]: *# Task 5: Write a program to Print Multiplication table of N number using while loop.*

```
N = int(input("Enter Number :"))
i = 1
while i < 11 :
    print(N , "*", i, "=", N*i)
    i = i + 1
```

```
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
```