Assignment - 8 While Loop

1. Write a python script to print MySirG 5 times on the screen.

```
x="MySirG"

i=1

while i<=5:

    print(x,end=" ")

    i=i+1
```

Output:-

MySirG MySirG MySirG MySirG MySirG

2. Write a python script to print first 10 natural numbers.

```
i=1

while i<=10:

    print(i,end=" ")

    i=i+1
```

Output:-

1 2 3 4 5 6 7 8 9 10

3. Write a python script to print first 10 natural numbers in reverse order.

```
 i=1

while i<=10:

    print(11-i,end=" ")

    i=i+1
```

Output:-

10 9 8 7 6 5 4 3 2 1

4. Write a python script to print first 10 odd natural numbers.

```
i=1

while i<=20:
```

```
    print(i,end=" ")

    i=i+2
```

Output:-

1 3 5 7 9 11 13 15 17 19

5. Write a python script to print first 10 odd natural numbers in reverse order.

```
i=1

while i<=20:

    print(20-i,end=" ")

    i=i+2
```

Output:-

19 17 15 13 11 9 7 5 3 1

6. Write a python script to print first 10 even natural numbers.

```
i=2

while i<=20:

    print(i,end=" ")

    i=i+2
```

Output:-

2 4 6 8 10 12 14 16 18 20

7. Write a python script to print first 10 even natural numbers in reverse order.

```
i=2

while i<=20:

    print(22-i,end=" ")

    i=i+2
```

Output:-

20 18 16 14 12 10 8 6 4 2

8. Write a python script to print squares of first 10 natural numbers.

```python
i=1
while i<=10:
    print(i**2,end=" ")
    i=i+1
```

Output:-

1 4 9 16 25 36 49 64 81 100

9. Write a python script to print cubes of first 10 natural numbers.

```python
i=1
while i<=10:
    print(i**3,end=" ")
    i=i+1
```

Output:-

1 8 27 64 125 216 343 512 729 1000

10. Write a python script to print first 10 multiples of 5.

```python
i=1
while i<=10:
    print(i*5,end=" ")
    i=i+1
```

Output:-

5 10 15 20 25 30 35 40 45 50