

Assignment 9

While loop

1. Write a python script to print Mysirke N times on the screen.

=>

```
N = int(input('Enter the value of N:\n'))
i = 0
while i < N:
    print('Mysirke')
    i += 1
```

2. Write a python script to print first N natural number.

=>

```
N = int(input('Enter the value of N:\n'))
i = 1
while i <= N:
    print(i, end = ', ')
    i += 1
```

3. Write a python script to print first N natural number in reverse order.

=>

```
N = int(input('Enter the value of N:\n'))
i = N
while i > 0:
    print(i, end = ', ')
    i -= 1
```

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

=>

```
N = int(input('Enter the value of N:\n'))
i = N*2 1
while i < N*2:
    print(i, end = ', ')
    i = i + 2
```

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

```
=>
N = int(input('Enter the value of N:\n'))
i = (N*2) - 1
while i > 0:
    print(i, end=', ')
    i -= 2
```

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

```
=>
N = int(input('Enter the value of N:\n'))
i = 1
while i <= N:
    print(i*2, end=', ')
    i += 1
```

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

```
=>
N = int(input('Enter the value of N:\n'))
i = N*2
while i i > 0:
    print(i, end=', ')
    i -= 2
```

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

```
=>
N = int(input('Enter the value of N:\n'))
i = 1
while (i <= N):
    print(i**2, end=', ')
    i += 1
```

9. Write a python script to print cube of first N natural numbers.

⇒

```
N = int(input('Enter the value of N:\n'))
```

```
i = 1
```

```
while i ≤ N:
```

```
    print(i**3, end=',')
```

```
    i += 1
```

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

⇒ $N = \text{int}(\text{input}(\text{'Enter the value of N:\n'}))$

```
i = 1
```

```
while i ≤ 10:
```

```
    print(i * N, end=',')
```

```
    i += 1
```