

DIPLOMA IMPLANT TRAINING: PYTHON SET 8

(for and while loop)

➤ **In- class Programs**

1. Write a program to find the sum following series
 $1 - 1/2 + 1/3 - 1/4 + 1/5 - 1/6 + \dots$

2. Write a program to get the following output

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

3. Write a program to get the following output

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

4. Write a program to get the following output

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

5. Write a program to get the following output

```
1
12
123
1234
12345
```

6. Write a program to get the following output

```
5
45
345
2345
12345
```

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7. Write a program to get the following output

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

8. Write a program find the sum of the digits of a number.
9. Write a program to find the reverse of a number.
10. Write a program to print n number of Fibonacci numbers.
