

Assignment-1

Write a Python program to get the Fibonacci series between 0 to 50

```
In [1]: a,b=0,1

while b<50:
    print(b)
    a,b = b,a+b
```

```
1
1
2
3
5
8
13
21
34
```

Write a Python program that accepts a word from the user and reverse it.

```
In [3]: string = input("Input a string to reverse: ")

for char in range(len(string) - 1, -1, -1):
    print(string[char], end="")
print("\n")
```

```
Input a string to reverse: Edyoda
adoydE
```

Write a Python program to count the number of even and odd numbers from a series of numbers.

```
In [7]: numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9) # Declaring the tuple
count_odd = 0
count_even = 0
for x in numbers:
    if not x % 2:
        count_even+=1
    else:
        count_odd+=1
print("Number of even numbers :",count_even)
print("Number of odd numbers :",count_odd)
```

```
Number of even numbers : 4
Number of odd numbers : 5
```

```
In [ ]:
```