

# Assignment 5 – Loops

## Problem Statement:

You work in XYZ Corporation as a Data Analyst. Your company has told you to work with the looping statements.

## Tasks To Be Performed:

1. Create an array that has user defined inputs and with the help of for loop, fetch all the prime numbers and print the numbers.

```
In [18]: n = int(input("Enter number of elements: "))
ls = []
for i in range(n):
    prime = True
    inp = int(input())
    for j in range(2, inp):
        if inp%j==0:
            prime = False
            break

    if prime:
        ls.append(inp)
print(ls)
```

Enter number of elements: 10

1

2

5

7

20

26

73

28

13

202

[1, 2, 5, 7, 73, 13]

In [ ]: