5. Python program to implement linear search

```python
numbers = [4,2,7,1,8,3,6]

f = 0 #flag

x = int(input("Enter the number to be found out: "))

for i in range(len(numbers)):

    if (x==numbers[i]):

        print(" Successful search, the element is found at position", i)

        f = 1

        break

if(f==0):

    print("Oops! Search unsuccessful")
```

Output:

```
Enter the number to be found out:

9

Oops! Search unsuccessful
```