

Python Coding Assignment

In [3]:

```
iteration = 10000
```

In [4]:

```
while iteration > 1:
    number = list(map(int, input("Enter the integer number: ").split()))

    if len(number) == 2:
        a = str(number[0]); b = str(number[1])
        value_a = []; value_b = []
        for i in a:
            value_a.append(i)
        for j in b:
            value_b.append(j)

        ##Reversed separated numbers based on the length of the number

        A= [value_a[len(value_a)-K-1] for K in range(len(value_a))]
        B= [value_b[len(value_b)-K-1] for K in range(len(value_b))]

        ## Reversed joined numbers
        v_a = int(''.join(A))
        v_b = int(''.join(B))

        ### calculating the sum of reversed numbers

        print("The number: ", v_a + v_b)
        value_a = []; value_b = []
    elif len(number) == 1:
        print('The number: ', number[0])
    else:
        print('No Input Provided: ', 0)
        break
    iteration -= 1
```

Enter the integer number:

No Input Provided: 0

In []: