Assignment 3

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1) Consider a list at the position and print the list.

In [2]: Mylist=[1,4,2,3,6,5]
print(Mylist)

[1, 4, 2, 3, 6, 5]

Remove first occurence of the list

In [3]: Mylist=[1,4,2,3,6,5]
 Mylist.remove(Mylist[0])
 print(Mylist)

[4, 2, 3, 6, 5]

Append integer at the end of the list

In [4]: Mylist=[1,4,2,3,6,5]
Mylist.append(7)
print(Mylist)

[1, 4, 2, 3, 6, 5, 7]

Sort the list

In [5]: Mylist=[1,4,2,3,6,5]
 Mylist.sort()
 print(Mylist)

[1, 2, 3, 4, 5, 6]

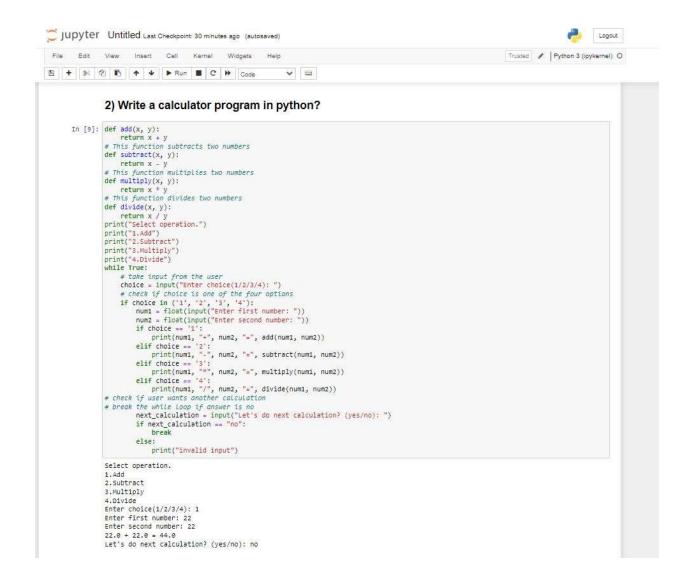
Pop the last element of the list

In [6]: Mylist=[1,4,2,3,6,5]
 Mylist.pop(5)
 print(Mylist)

[1, 4, 2, 3, 6]

Reverse the List

[5, 6, 3, 2, 4, 1]



3) Write a program to Concatenate , reverse and slice a string?

In [10]: str="Hello"
print(str)

Hello

Slicing a String

In [11]: str="Hello"
 print(str[1:3])

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Concatenate a string

In [12]: str1="Hello"
 str2="World"
 str=str1+str2
 print(str)

Helloworld

Reverse a string

In [13]: str="Hello World"[::-1]
print(str)

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4) Why is python a popular programming language?

Python language is incredibly easy to use and learn for new beginners and newcomers. The python language is one of the most accessible programming languages available because it has simplified syntax and not complicated, which gives more emphasis on natural language. Due to its ease of learning and usage, python codes can be easily written and executed much faster than other programming languages.

5) What are the other frame works that can be used with python?

The other frame works that can be used with python are listed below 1.Django. 2.Web2Py. 3.Flask. 4.Bottle. 5.CherryPy.

6) What is the full form of WSGI?

The full form of WSGI is WEB SERVER GATEWAY INTERFACE. The Web Server Gateway Interface (WSGI, pronounced whiskey or WIZ-ghee) is a simple calling convention for web servers to forward requests to web applications or frameworks written in the Python programming language.