Lab 12

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Date :- 29-08-2023

Enrollment No :- 92200133030

CO1: To write, test, and debug simple Python programs

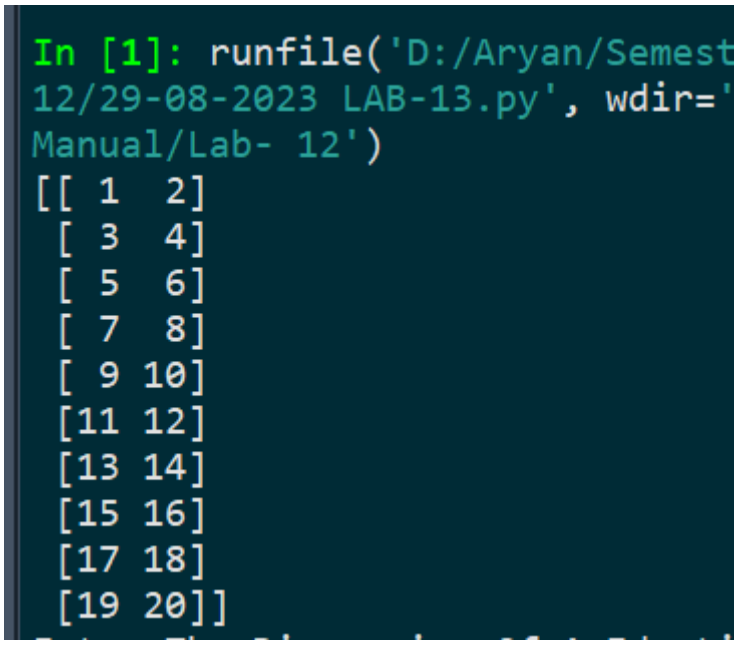
CO2: To implement Python programs with conditional, loops and functions

Task 1:- Reading Files Using Numpy

Python Code:

```
File = np.loadtxt("Matrix.txt",dtype=int)
print(File)
```

Output:



Task 2:- Reading Files Using Numpy

Python Code:

```
F2 = np.loadtxt("Name.txt",skiprows=1,dtype=str)
print(F2)
```

Output:

```
In [1]: runfile('D:/Arya
12/29-08-2023 LAB-13.py'
Lab- 12')
[['2' 'Krish']
 ['3' 'Rishit']
 ['4' 'Abhay']
 ['5' 'Vivek']]
```

Task 3:- Reading Files Using Numpy

Python Code:

```
F3 = np.loadtxt("Marks.txt",dtype=str,usecols=2,skiprows=1)
print(F3)
```

Output:

```
In [2]: runfile('D:/Aryan/Semester - 3/Programming With
12/29-08-2023 LAB-13.py', wdir='D:/Aryan/Semester - 3/Pr
Lab- 12')
['350' '345' '340' '335' '330']
```

Task 4:- Reading Files Using Numpy

Python Code:

```
F4 = np.genfromtxt("Alphabet.txt",dtype=str,encoding = None,delimiter = ',')
print(F4)
```

Output:

```
In [3]: runfile('D:/Aryan/Semester - 3/Progr
12/29-08-2023 LAB-13.py', wdir='D:/Aryan/Sem
Lab- 12')
[['A' 'B' 'C' 'D' 'E']
 ['F' 'G' 'H' 'I' 'J']
 ['K' 'L' 'M' 'N' 'O']]
```