Lab Tasks

Name: Arman Ali Zaib

Reg No: FA20-BSE-025

Assigned by: Mam Yasmeen Jana

Activity 1 Use loops to accept 5 values from user and store them in a list. Display all the values (objects) of the list.

In [ ]:
```python
mylist=[]
for i in range(5):
    val=input("Enter 5 numbers
    mylist.append(val)
print("The List is")
print(mylist)
```

```
Enter 5 numbers1
Enter 5 numbers2
Enter 5 numbers3
Enter 5 numbers4
Enter 5 numbers5
The List is
['1', '2', '3', '4', '5']
```

Activity 2 Repeat the above code by accepting 5 integer values from user. Store these values in a list and display the sum of given values

In [ ]:
```python
mylist=[]
for i in range(5):
    val=input("Enter 5 numbers")
    n=int(val)
    mylist.append(n)
sum=0
for n in mylist:
    sum=sum+n
print("The sum number is",sum)
```

```
Enter 5 numbers3
Enter 5 numbers4
Enter 5 numbers5
Enter 5 numbers6
Enter 5 numbers7
The sum number is 25
```

Activity 3

In [ ]:
```python
mylist=[]
for i in range(5):
    val=input("Enter 5 numbers")
    n=int(val)
    mylist.append(n)
a=sorted(mylist,reverse=True)
print(a)
```

```
Enter 5 numbers1
Enter 5 numbers2
Enter 5 numbers3
Enter 5 numbers4
Enter 5 numbers5
[5, 4, 3, 2, 1]
```

Activity 4

In [ ]:
```python
mylist=[]
for i in range(5):
    val=input("Enter 5 numbers")
    n=int(val)
    mylist.append(n)
a=max(mylist)
print(a)
```

```
Enter 5 numbers1
Enter 5 numbers4
Enter 5 numbers5
Enter 5 numbers7
Enter 5 numbers8
8
```

Activity 5

In [ ]:
```python
mylist=[]
for i in range(5):
    val=input("Enter 5 numbers")
    n=int(val)
    mylist.append(n)
a=min(mylist)
print(a)
```

```
Enter 5 numbers4
Enter 5 numbers5
Enter 5 numbers2
Enter 5 numbers6
Enter 5 numbers7
2
```

Activity 6

In [ ]:
```python
mylist1=[]
for i in range(5):
    val=input("Enter 5 numbers f
    n=int(val)
    mylist1.append(n)

mylist2=[]
for i in range(5):
    val=input("Enter 5 numbers f
    n=int(val)
    mylist2.append(n)
list3=mylist1+mylist2
print(list3)
```

```
Enter 5 numbers2
Enter 5 numbers3
Enter 5 numbers4
Enter 5 numbers5
Enter 5 numbers2
Enter 5 numbers4
Enter 5 numbers3
Enter 5 numbers5
Enter 5 numbers6
Enter 5 numbers8
[2, 3, 4, 5, 2, 4, 3, 5, 6, 8]
```

Activity 7

In [ ]:
```python
mylist1=[]
for i in range(5):
    val=input("Enter 5 numbers "
    n=int(val)
    mylist1.append(n)
print(mylist1)
s=input("Enter number which wa
n=int(s)
found=n in mylist1
if found==true:
    print("Found")
else:
    print("Not Found")
```

Activity 8

In [ ]:
```python
def say_helo(name):
    print("Hello",name)
for i in range(3):
    s=input("Enter name :")
    say_helo(s)
```