Name

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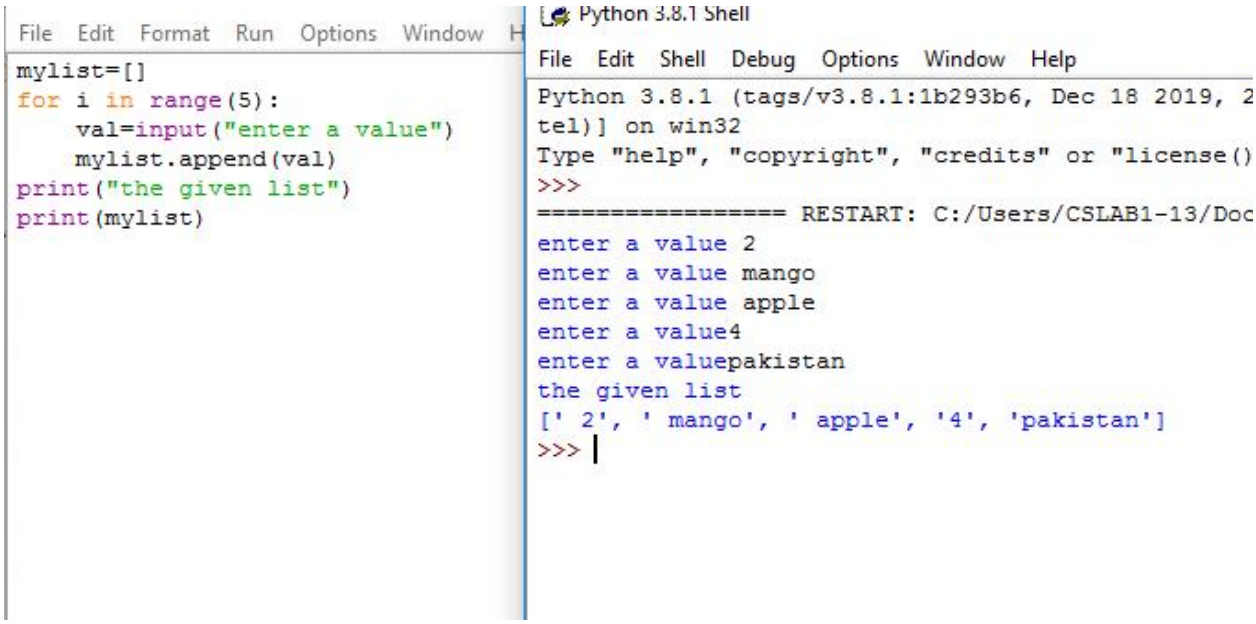
REG NO

FA20-BSE-041

Activity 1:



Activity 2:

```
mylist=[]
for i in range(5):
    val=input("enter your val")
    n=int(val)
    mylist.append(n)

sum=0
for n in mylist:
    sum=sum+n
print(sum)
```

```
File  Edit  Shell  Debug  Optio
Python 3.8.1 (tags/v3.8
tel)] on win32
Type "help", "copyright
>>>
================ RESTA
enter your val 1
enter your val 2
enter your val3
enter your val 4
enter your val 5
15
>>>
```

Activity 3:

```
mylist=[]
for i in range(5):
    val=input("enter your val
    n=int(val)
    mylist.append(n)
mylist.sort()
print(mylist)
```

```
File  Edit  Shell  Debug  Op
Python 3.8.1 (tags/v3
tel)] on win32
Type "help", "copyrig
>>>
================ RES
enter your val 1
enter your val 2
enter your val 3
enter your val 4
enter your val 5
[1, 2, 3, 4, 5]
>>>
```

Activity 4:

```
File  Edit  Format  Run  Options  Window  Help
mylist1=[]
for i in  range(5):
    val=input("enter your value")
    n=int(val)
    mylist1.append(n)

mylist2=[]
for i in range(5):
    val=input("enter values in second l
    n=int(val)
    mylist2.append(n)
mylist3=mylist1+mylist2
print(mylist3)
```

```
Python 3.8.1 Shell
File  Edit  Shell  Debug  Options  Window  Hel
Python 3.8.1 (tags/v3.8.1:1b293b6, D
tel)] on win32
Type "help", "copyright", "credits"
>>>
================= RESTART: C:\Users\
enter your value1
enter your value2
enter your value3
enter your value4
enter your value5
enter values in second list6
enter values in second list7
enter values in second list8
enter values in second list9
enter values in second list10
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
>>>
```

Activity 5:

```
File  Edit  Format  Run  Options  Window  Help
mylist1=[]
for i in  range(5):
    val=input("enter your value")
    n=int(val)
    mylist1.append(n)
print(mylist1)
s=input("enter number to found")
n=int(s)
found=n in mylist1
if found==True:
    print("found")
else:
    print("not found")
```

```
File  Edit  Shell  Debug  Options  Window
Python 3.8.1 (tags/v3.8.1:1b293b6
tel)] on win32
Type "help", "copyright", "credit
>>>
================= RESTART: C:\Use
enter your value 1
enter your value2
enter your value3
enter your value4
enter your value5
[1, 2, 3, 4, 5]
enter number to found 3
found
>>>
```

Activity 6:

```
def say_hello(name):
    print("hello",name)
for i in range(5):
    nam=input("enter name")
    say_hello(nam)
```

```
File  Edit  Shell  Debug  Options
Python 3.8.1 (tags/v3.8.1:
tel)] on win32
Type "help", "copyright",
>>>
================ RESTART:
enter name ahsan
hello  ahsan
enter name ali
hello  ali
enter name muneeb
hello  muneeb
enter name hammd
hello  hammd
enter name ali
hello  ali
>>>
```

Activity7:

```
File  Edit  Format  Run  Options  Window  Help
def ispalindrome(word):
    temp=word[ : :-1]
    if temp.capitalize()==word.capitalize():
        return True
    else:
        return False
print(ispalindrome("deed"))
```

```
Python 3.8.1 Shell
File  Edit  Shell  Debug
Python 3.8.1 (tags/v
tel)] on win32
Type "help", "copyri
>>>
================ RE
True
>>>
```

Activity 8:

File Edit Format Run Options Window Help

```
mylist=[]
for i in range(5):
    val=input("enter your val")
    n=int(val)
    mylist.append(n)
mylist.sort()
print(mylist)
print(max(mylist))
```

Python 3.8.1 Shell

File Edit Shell Debug Optio

```
Python 3.8.1 (tags/v3.8
tel)] on win32
Type "help", "copyright"
>>>
================ RESTAR
enter your val 1
enter your val 2
enter your val3
enter your val4
enter your val5
[1, 2, 3, 4, 5]
5
>>>
```