

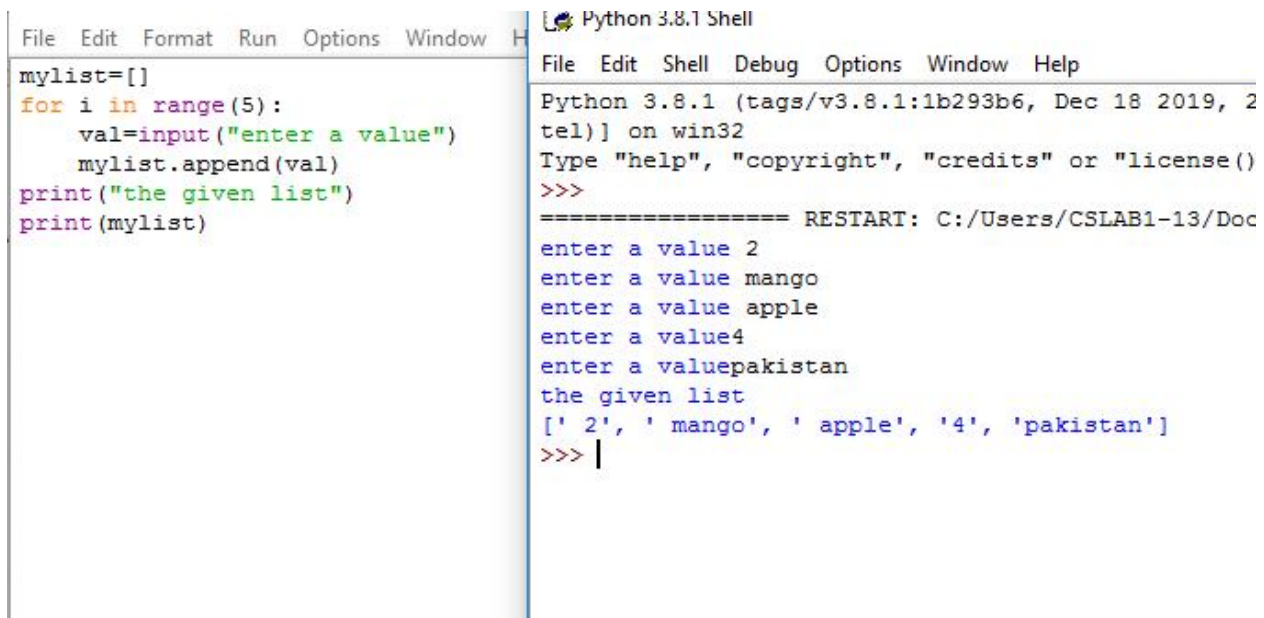
Name

Ahsan Muneeb

REG NO

FA20-BSE-041

Activity 1:



The image shows a screenshot of a Python 3.8.1 Shell window. The left pane displays the source code for a program that creates a list. The right pane shows the execution of this code, including user input and the resulting list output.

```
File Edit Format Run Options Window H Python 3.8.1 Shell
mylist=[]
for i in range(5):
    val=input("enter a value")
    mylist.append(val)
print("the given list")
print(mylist)
```

```
File Edit Shell Debug Options Window Help
Python 3.8.1 (tags/v3.8.1:1b293b6, Dec 18 2019, 2
tel)] on win32
Type "help", "copyright", "credits" or "license()
>>>
===== RESTART: C:/Users/CSLAB1-13/Doc
enter a value 2
enter a value mango
enter a value apple
enter a value4
enter a valuepakistan
the given list
[' 2', ' mango', ' apple', '4', 'pakistan']
>>> |
```

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/v3.8.1
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 list")
    n=int(val)
    mylist2.append(n)
mylist3=mylist1+mylist2
print(mylist3)
```

Python 3.8.1 Shell

File Edit Shell Debug Options Window Help

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)
```

Python 3.8.1 Shell

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 C

Python 3.8.1 (tags/vtel) 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))
```

