

# Lab3 Tasks

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Code1:

```
myList=[]
for i in range (5) :
    val=input("Enter a value:")
    myList.append(val)

print("The given list is")
print(myList)
```

```
Enter a value:mago
Enter a value:1
Enter a value:3
Enter a value:4
Enter a value:5
The given list is
['mago', '1', '3', '4', '5']
```

Code 2:

```
| myList=[]
  for i in range (5):
      val=input("Enter a integer value:")
      n=int(val)
      myList.append(n)
      sum=0
  for n in myList:
      sum=sum+n
  print("The sum of given value is ",sum)
```

```
Enter a integer value:33
Enter a integer value:44
Enter a integer value:55
Enter a integer value:69
Enter a integer value:66
The sum of given value is  267
```

### Code 3:

```
[20] myList=[]  
    for i in range (5) :  
        val=input("Enter a value:")  
        n=int(val)  
        myList.append(n)  
  
    myList.sort()  
    print(myList)
```

```
Enter a value:12  
Enter a value:33  
Enter a value:44  
Enter a value:5  
Enter a value:69  
[5, 12, 33, 44, 69]
```

### Code 4:

```
myList=[]  
for i in range (5) :  
    val=input("Enter a value:")  
    n=int(val)  
    myList.append(n)  
  
var=max(myList)  
print(var)
```

```
Enter a value:12  
Enter a value:3  
Enter a value:4  
Enter a value:66  
Enter a value:77  
77
```

## Code 5:

```
myList=[]
for i in range (5) :
    val=input("Enter a value:")
    n=int(val)
    myList.append(n)

var=min(myList)
print(var)
```

```
Enter a value:12
Enter a value:44
Enter a value:55
Enter a value:66
Enter a value:67
12
```

## Code 6:

```
myList1=[]
for i in range (5):
    val=input("Enter a value for list1:")
    n=int(val)
    myList1.append(n)

myList2=[]
for i in range (5):
    val=input("Enter a value for list2:")
    n=int(val)
    myList2.append(n)

list3=myList1+myList2
print(list3)
```

```
Enter a value for list1:1
Enter a value for list1:2
Enter a value for list1:3
Enter a value for list1:4
Enter a value for list1:5
Enter a value for list2:77
Enter a value for list2:88
Enter a value for list2:99
Enter a value for list2:66
Enter a value for list2:55
[1, 2, 3, 4, 5, 77, 88, 99, 66, 55]
```

## Code 7:

```
myList1=[]
for i in range (5):
    val=input("Enter a value for list1:")
    n=int(val)
    myList1.append(n)
print(myList1)
s=input("Enter the value to find in the list")
n=int(s)
found=n in myList1
if found==True:
    print("Found")
else:
    print("NOT FOUND")
```

```
Enter a value for list1:12
Enter a value for list1:3
Enter a value for list1:4
Enter a value for list1:5
Enter a value for list1:6
[12, 3, 4, 5, 6]
Enter the value to find in the list7
NOT FOUND
```

## Code8:

```
def say_helo(val):
    print("Hello",val)

myList=[]
for i in range (3):
    val=input("Enter a value :")
    say_helo(val)
```

```
Enter a value :Arman
Hello Arman
Enter a value :Ali
Hello Ali
Enter a value :Zaib
Hello Zaib
```

## Code 9:

```
def isPalindrome(word) :  
    temp=word[::-1]  
    if temp.capitalize()==word.capitalize() :  
        return True  
    else:  
        return False  
  
print(isPalindrome("DFake"))
```

False

```
def isPalindrome(word) :  
    temp=word[::-1]  
    if temp.capitalize()==word.capitalize() :  
        return True  
    else:  
        return False  
  
print(isPalindrome("Dad"))
```

True

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