

python lab-2

June 9, 2021

```
[4]: a=51
      if(a<6):
          print("a is less than 6")
      else:
          print("a is greater than 6")
```

a is greater than 6

```
[6]: if(a<6):
      print("a is less than 6")
      elif(a<20):
          print("a is less than 20")
      elif(a<50):
          print("a is less than 50")
      else:
          print("Done")
```

Done

```
[9]: b=input("Enter value:")
      print(b)
      print(type(b))
```

Enter value:Nisha
Nisha
<class 'str'>

```
[12]: b=int(input("Enter value:"))
       print(b)
       print(type(b))
```

Enter value:6
6
<class 'int'>

```
[13]: b=float(input("Enter value:"))
       print(b)
       print(type(b))
```

```
Enter value:4.5
4.5
<class 'float'>
```

1 Take input from the user and find out the value is less than 10 or greater than 10.

```
[15]: c=[1,2,3,4,5]
      print(c)
      print(type(c))
```

```
[1, 2, 3, 4, 5]
<class 'list'>
```

```
[16]: d=[1.2,5.6,4.7]
      print(d)
```

```
[1.2, 5.6, 4.7]
```

```
[18]: name=["Jayaraj","Nidhi","Isha","Devansh"]
      print(name)
```

```
['Jayaraj', 'Nidhi', 'Isha', 'Devansh']
```

```
[19]: for x in d:
      print(x)
```

```
1.2
5.6
4.7
```

```
[20]: for x in name:
      print(x)
```

```
Jayaraj
Nidhi
Isha
Devansh
```

```
[27]: i=1
      print("Sr. No \t\t Name")
      for x in name:
          print(i,"\t\t",x)
          i+=1
```

```
Sr. No      Name
1           Jayaraj
```

2	Nidhi
3	Isha
4	Devansh

[]: