



Name:	Muhammad Huzaifa Azeem
Registration/ID	F2019105030
Assignment	LIST
Submitted to	Muhammad Asad Arshed
Question	<p>Find the sum pair of entered number from the list.</p> <p>For Example,</p> <p>A= [10,20,30,40]</p> <p>Entered Number=30</p> <p>The Pair is = 10,20</p>

Source Code

```
list=[10,20,30,40,50]

a=0

b=0

num=int(input("enter number: "))

for x in range(len(list)):

    for y in range(len(list)):

        if list[x]+list[y]==num:

            print("index: ",x,y)

            print("values: ",list[x],list[y])

            b=1

            break

        elif list[x]+list[y]!=num:

            a=1

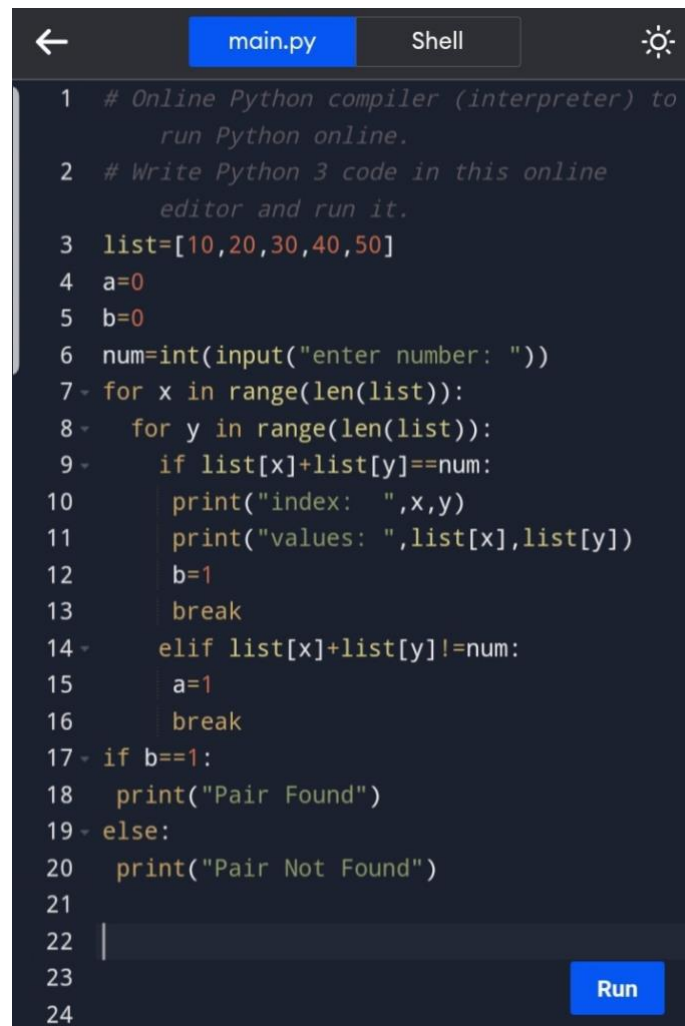
            break

    if b==1:
```

```
print("Pair Found")
```

else:

```
print("Pair Not Found")
```



The screenshot shows a Python IDE with a dark theme. At the top, there are tabs for 'main.py' and 'Shell'. The 'main.py' tab is active. The code in the editor is as follows:

```
1 # Online Python compiler (interpreter) to
  # run Python online.
2 # Write Python 3 code in this online
  # editor and run it.
3 list=[10,20,30,40,50]
4 a=0
5 b=0
6 num=int(input("enter number: "))
7 for x in range(len(list)):
8     for y in range(len(list)):
9         if list[x]+list[y]==num:
10             print("index: ",x,y)
11             print("values: ",list[x],list[y])
12             b=1
13             break
14         elif list[x]+list[y]!=num:
15             a=1
16             break
17 if b==1:
18     print("Pair Found")
19 else:
20     print("Pair Not Found")
21
22
23
24
```

A blue 'Run' button is located at the bottom right of the code editor.



The screenshot shows the same Python IDE as above, but now the 'Shell' tab is active. The output of the program is displayed in the shell:

```
enter number: 50
index: 3 0
values: 40 10
Pair Found
> |
```