

```
In [4]: a=int(input("a="))
        b=int(input("b="))
        c=int(input("c="))
        if c**2==a**2+b**2:
            print("Right Angled Trianhgle" )
        else:
            print("Not a Right Angled Trianhgle")

a=3
b=4
c=5
Right Angled Trianhgle
```

```
In [6]: list1=[3,5,8,10,2]
        a=int(input("a="))
        b=int(input("b="))
        c=a+b
        if c in list1:
            print("Amazing")
        else:
            print("Not Bad")

a=3
b=5
Amazing
```

In []:

```
In [8]: list1=["Ram","Hari","Divya","Hema","Jeevi"]
        for name in list1:
            print("Hello! "+name)

Hello! Ram
Hello! Hari
Hello! Divya
Hello! Hema
Hello! Jeevi
```

In []: