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Assignment 1 (module2)

In [2]:
```python
#1.Take 2 inputs from user and check whether they are equal or not
a=int(input("enter a num"))
b=int(input("enter b num"))
if a==b:
    print("a and b are equal")
else:
    print("a and b are not equal")
```

```
enter a num5
enter b num5
a and b are equal
```

In [6]:
```python
#2.Take 3 inputs from user and check:all are equal,any 2 are equal
print("first number")
first=input()
print("second number")
second=input()
print("third number")
third=input()
all=first==second and second==third and third==first
print("all are equal:",all)
any=first==second or second==third or third==first
print("any of two are equal:",any)
```

```
first number
1
second number
2
third number
2
all are equal: False
any of two are equal: True
```

In [7]:
```python
#3.take 2 inputs and check whether the sum is greater than 5,less than 5 or equal to 5
a=int(input("enter the value of a"))
b=int(input("enter the value of b"))
c=a+b
if c>5:
    print("c is greater than 5")
elif c<5:
    print("c is less than 5")
else:
    print("c is equal to 5")
```

```
enter the value of a5
enter the value of b5
c is greater than 5
```

In [8]:
```python
#4.suppose passing marks of a subject is 35.take input of marks from user and check whether
 it is greater than passing marks r not
passing_mark=35
a=int(input("enter the value of number"))
if a>passing_mark:
    print("number is greater than passing mark")
else:
    print("number is lesser than passing mark")
```

```
enter the value of number34
number is lesser than passing mark
```

In [9]:
```python
#5.python program to check the max of three numbers
a=int(input("enter the value of a"))
b=int(input("enter the value of b"))
c=int(input("enter the value of c"))
if a>=b and a>=c:
    print("a is largest")
elif b>=a and b>=c:
    print("b is largest")
else:
    print("c is larger")
```

```
enter the value of a5
enter the value of b6
enter the value of c7
c is larger
```

In [ ]: