

```
In [1]: #program to check whether the taken two inputs are equal or not
a = input("Enter the first number: ")
b = input("Enter the second number: ")
if a == b:
    print("Both inputs are equal")
else:
    print("Your input is not equal.")
```

Enter the first number: 10  
Enter the second number: 10  
Both inputs are equal

```
In [2]: #program to check whether the taken three inputs from user are:all are equal,
any two 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  
2  
second number  
4  
third number  
4  
all are equal: False  
any of two are equal: True

```
In [1]: #Take two number and check whether the sum is greater than 5, Less than 5 or e
qual to 5
a=int(input("enter first number: "))
b=int(input("enter second number: "))
c=a+b
if c>5:
    print("sum is greater than 5")
elif c<5:
    print("sum is less than 5")
else:
    print("sum is equal to 5")
```

enter first number: 4  
enter second number: 3  
sum is greater than 5

```
In [4]: #Take input of marks from user and check whether it is greater than passing marks or not
passing_mark=35
a=int(input("enter a number: "))
if a>passing_mark:
    print("number is greater than passing mark")
else:
    print("number is lesser than passing mark")
```

enter a number: 36  
number is greater than passing mark

```
In [8]: # Python program to find the Largest number among the three numbers
def max_of_two( x, y ):
    if x > y:
        return x
    return y
def max_of_three( x, y, z ):
    return max_of_two( x, max_of_two( y, z ) )
print(max_of_three(3, 6, -5))
```

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In [ ]: