

```
In [ ]: if 1 < 2:
        a=1
        print("hi")
```

```
In [ ]: a = -10
        b = -12
        if a > 0 and b > 0:
            print("the numbers are greater than 0")
        elif a > 0 or b > 0:
            print("ONE fo the nubeers is greater than 0")
        else:
            print("No number is greater than 0")
```

```
In [1]: b=10
        if a == b:
            a=7
        print(a)
```

```
-----
NameError                                Traceback (most recent call last)
Cell In[1], line 2
      1 b=10
----> 2 if a == b:
      3     a=7
      4 print(a)

NameError: name 'a' is not defined
```

```
In [ ]: ==
        !=
        >
        <
        >=
        <=

        and
        or
        not
```

```
In [ ]: >
        <
```

```
In [4]: number = int(input("enter a number from 1 to 10."))
        if number > 100:
            print("aosdjf;alsd")
        else:
            if number >= 50:
```

```
print("blqasd;lfq")
```

```
-----  
ValueError                                Traceback (most recent call last)  
Cell In[4], line 1  
----> 1 number = int(input("enter a number from 1 to 10."))  
      2 if number > 100:  
      3     print("aosdjf;alsd")  
  
ValueError: invalid literal for int() with base 10: 'a'
```

```
In [ ]:
```