

Baghdad-ul-Jadheed campus

Submitted to:

S Rehan Faheem

Submitted by:

Alia Saeed

Program:

BS CS Eve

Semester:

7thth

Subject:

Web design & framework

Roll no: SP20M2BB024

Chapter # 5

Conditional expression:

A conditional statement as the name suggests itself, is used to handle conditions in your program.

Some condition statements are given:

- i. If
- ii. If else
- iii. If else if

4 quiz of programs:

```
python > 🕏 conditional statement.py > ...
  2 a = 22
    if(a>9):
         print("greater than")
    #write a program to print "yes" when the age entered by the user is greater than or equal to 18
    otherwise print "no"
 10 age = int(input("enter a age"))
 11 if(age >= 18):
 12 print("yes")
          print("no")
 16 marks = int(input("enter a MARKS"))
 17 if(marks >= 60):
            print("your grade is A")
    if(marks > 50):
        print("your grade is B")
 21
     if(marks >= 33):
             print("your grade is C")
     print(" CONGRAULATIO your FAIL")
```

output:

```
python > 🕏 conditional statement.py > ...
      a = 22
      if(a>9):
           print("greater than")
      #write a program to print "yes" when the age entered by the user is greater than or equal to 18
      otherwise print "no"
 10 age = int(input("enter a age"))
 11 if(age >= 18):
          print("yes")
         print("no")
 16 marks = int(input("enter a MARKS"))
     if/marks \- 60).
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                                                                           \triangleright
PS D:\sofware h> python -u "d:\sofware h\python\conditional statement.py"
greater than
enter a age18
yes
enter a MARKS50
your grade is C
PS D:\sofware h>
```

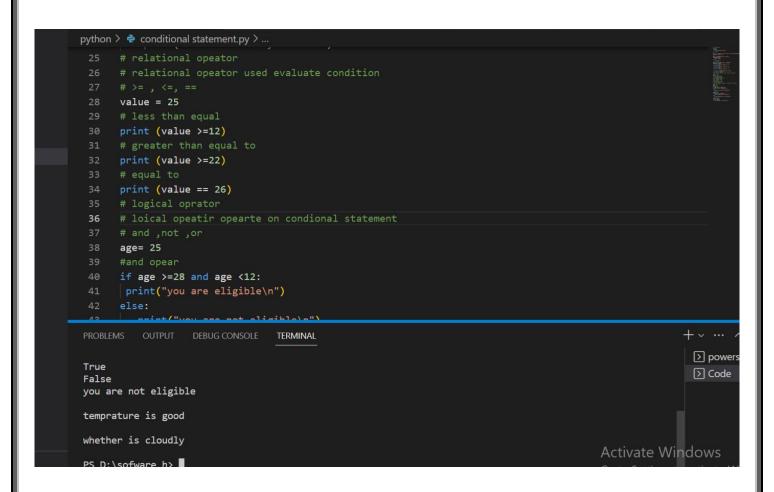
> Relational operator:

RELATIONAL OPEARTOR ARE USED TO EVALUATE THE CONDITIONS.

EXAMPLE:

```
python > 🕏 conditional statement.py > ...
 28 value = 25
 30 print (value >=12)
    # greater than equal to
    print (value >=22)
    print (value == 26)
     age= 25
      if age >=28 and age <12:</pre>
      print("you are eligible\n")
        print("you are not eligible\n")
      temp = 10
      if temp <19 or temp >6:
        print("temprature is good\n")
      print("temprature is not good\n")
      cloud = False
      if not cloud:
                                                                                       Activate Windows
     print("whether is cloudly\n")
                                                                                       Go to Settings to activate Window
```

Output:



> Logical operator:

Logical operators operate on condition statements

