**ARITHMETIC OPERATORS**

**Operators : + - \* / % \*\* //**

**Code**

a,b = 10,5

print(*"Addition : "*, a+b)

print(*"Subraction : "*, a-b)

print(*"Multiplication : "*, a\*b)

print(*"Division : "*, a/b)

print(*"Modulus : "*, a%b)

print(*"Power : "*, a\*\*b)

print(*"Power Division : "*, a//b)

**Output**

Addition : 15

Subraction : 5

Multiplication : 50

Division : 2.0

Modulus : 0

Power : 100000

Power Division : 2

**ASSIGNMENT OPERATORS**

**Operators : = +=(Compound – used with all the arithmetic operators)**

**Code**

a=b=c=10

print(a,b,c)

x,y=10,5

x+=y

print(x)

x\*=y

print(x)

**Output**

10 10 10

15

75

**COMPARISON OPERATORS**

**Operators : == != > < >= <=**

**Code**

# COMPARISION OPERATORS

a1, b1 = 75,85

print(a1==b1)

print(a1!=b1)

print(a1>b1)

print(a1<b1)

print(a1>=b1)

print(a1<=b1)

**Output**

False

True

False

True

False

True

**LOGICAL OPERATORS**

**Operators : and or not**

**Code**

# LOGICAL OPERATORS

x1,y1 = 25,30

print((x1==25 and y1==30))

print((x1==25 or y1==50))

print(not(x1==25))

**Output**

True

True

False

**BMI CALCULATOR PROGRAM**

**Code**

height=6.1

weight=82

#bmi= weight in kg / height in meters

heightinMeters=height\*0.4536

bmi = weight/(heightinMeters+heightinMeters)

print(*"BMI : "*, bmi)

**Output**

BMI : 14.817706074536678

**QUIZ**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated