Basic python syntax

Back slash, Triple quotes, String inside the quotes,

Escape sequence of string,Formatted output

Python variables

Is a reserved memory location to store values.

Each value in python has a datatype.

For example - a=20

print(a)

Python Operators -

1. Arithmetic operators

Addition - adds two operand ex- x+y

Substraction- sunstract right operand from left ex- x-y-2

Multiplication - multiply two operands ex- x\*y

Divide -divide left operand from right one ex - x/y

Modulus - reminder of division of left operand by right ex- x%y

Floor division - division that results into whole number ex- x//y

Exponent - left operand raised to the power of right.

2. Comparision opreators

> True if left operand is greater than right

< True if left operand is less than right

== True if both operand are equal

<= True if left operand is less than or equal to right

>= True if left operand is greather than equal to right

!= True if operands are not equal

3 Assignment operators

+= , -=, \*=, /=

4 Bitwise operators

Bitwiset AND

Bitwise OR

Bitwise NOT

5. Logical operators like AND, OR, NOT

AND - True if the both operand are true

OR - True if either of the operand is true

NOT - true if operand is false

6. Membership operators

in

not in