PYTHON

Assignment Operators

AND

- **Operator** : =
- **Description** :

  In Python , Assign value of right side of expression/operands to left side operand. Called "**AND**"

- **Example**: c=a+b

Python Arithmetic Operators

ADD AND

- **Operator** : +=
- **Description** :

  In Python,It adds right operand to the left side operand and then assign the result to left operand. Called "**ADD AND**"

- **Example** : c += a ≡ c = c + a

SUBTRACT AND

- **Operator** : -=
- **Description** :

  In Python,It subtracts right side operand from the left side operand and assign the result to left side operand. Called "**SUBTRACT AND**"

- **Example** : c -= a ≡ c = c - a

MULTIPLY AND

- **Operator** : *=
- **Description** :

  In Python,It multiplies right side operand with the left side operand and then assign the result to left operand. Called "**MULTIPLY AND**".

- **Example** : c *= a ≡ c = c * a

DIVIDE AND

- **Operator** : /=
- **Description** :

  In Python,It divides the left operand with the right operand and assign the result to left operand. Called "**DIVIDE AND**"

- **Example** : c /= a ≡ c = c / a

MODULES AND

- **Operator** : %=
- **Description** :

  In Python, It takes modulus using the left and right operands and assign result to left operand. Called "**Modulus AND**"

- **Example** : c %= a ≡ c = c % a

Floor Division AND

- **Operator** : //=
- **Description** :

  In Python, It performs Divide operation on left operand with right operand & then assign the floor value to left operand. Called "**Floor Division AND**"

- **Example** : c //= a ≡ c = c// a

EXPONENT AND

- **Operator** : **=
- **Description** :

  In Python,Calculate the exponential or power operation on operators and assign value to the left operand. Called "EXPONENT AND".

- **Example** : c **= a ≡ c = c** a

THANK YOU