CODE CRAFT ZOBAER

Machine Learning with Python

USER INPUT:

User input is when the system asks you to type in a value.

Normally user Input is string.

But we need to typecast it.

```
a = int(input("Enter a number: "))
print(a)
```

Task: make a addition calculator using user Input.

Operators:

- Arithmetic operators

Operator	Name	Example
+	Addition	a+b
-	Substraction	a-b
*	Multiplication	a*b
/	Division	a/b
%	Modulus	a%b
**	Exponential	a**b
//	Floor division	a//b

- Assignment operators

Operator	Example	Same As
=	x = 5	x = 5
+=	x += 3	x = x + 3
-=	x -= 3	x = x - 3

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*=	x *= 3	x = x * 3
/=	x /= 3	x = x / 3
%=	x %= 3	x = x % 3

- Comparison operators

Operator	Name	Example
==	Equal to	a==b
!=	Not equal to	a!=b
>	Greater than	a>b
<	Less than	a<b
>=	Greater than or eual to	a>=b
<=	Less than or equal to	a<=b

- Logical operators
    - AND => Returns True if both statements are true => (a>=b)and(a==b) or we can write (a>=b)&(a==b)
    - OR => Returns True if one of the statements is true => (a>=b)or(a==b) or we can write (a>=b)|(a==b)
    - Not => Reverse the result, returns False if the result is true => not((a>=b)or(a==b)) or not((a>=b)and(a==b))
- Identity operators
- Membership operators
- Bitwise operators

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