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Assignment Operators

Learning Objective(s)

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This material should address the following question(s).

> What are assignment operators?

> How to use the assignment operators?

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Discussion Point

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Assignment Operators:
The Core Concepts.

Definition

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Assignment operator is a unary operator used to set a value into a variable or a constant.

Assignment Operators

No	Operator	C-Family	BASIC Family
1.	Assignment (base)	=	=
2.	addition assignment	+=	+=
3.	subtraction assignment	-=	-=
4.	multiplication assignment	*=	*=
5.	division assignment	/=	/=
6.	modulo assignment	%=	*not applicable*

```
int x = 10;
x = x + 2;  ⟶  x += 2;
          equals to
```

a shorten form of self addition.

A self addition.

Hands On
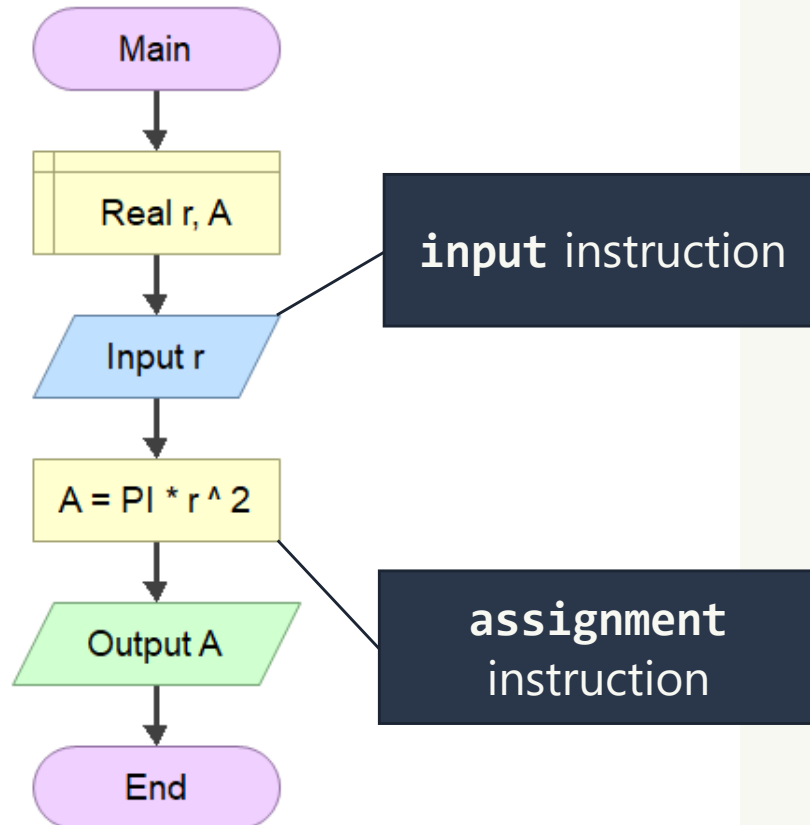
- In Flowgorithm, there are two ways to express an assignment operation:
  - the `input` instruction.
    - It reads a value from the user and store it into a variable.
  - the `assignment` instruction.

Final **Thoughts.**

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Conclusion

1. The assignment operator is used to set a value into a variable or a constant.

2. There are combinations with arithmetic operators.

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References

Wassberg, J. (2020). Computer Programming for Absolute Beginners. Packt.

Operators – Flowgorithm
http://www.flowgorithm.org/documentation/operators.html

– E O F –

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