

1. Variable, expression, and statement

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- 1. Variable, expression, and statement
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 - Interactive
 - Script mode
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1. First python program for BAIT, Arithmetic operators

Python for Arithmetic

- +
- -
- *
- /
- **
- %

2. Assignment statement and variables

Assignment statements

Variable names

- letters
- letters and numbers
- underscore character

3. Interactive mode and script mode

Interactive

Script mode

- path problem

4. Values and types

- int
- float
- string

5. Strings

- Values in Quotation marks
- Small problem with quotation marks
- String concatenation
- String Repetition
- String Built-in methods
 - <https://docs.python.org/3/library/stdtypes.html#string-methods>

6. User input

`input()` function

7. String formatting

f-strings

8. Practice Question

Use `input` function to give show a prompt to

- tell the user the program can return the product of two numbers, and
- Let users input two numbers
- At last, return the result.

Following is the expected outcome.

```
You can input two numbers. I will return the product the two numbers.  
Please input the first number: 2.6  
Please input the second number: 6.3  
2.6 times 6.3 equals 16.38.
```

Summing up

- Arithmetic operators
- Variables
- Interactive mode, terminal
- Script mode, `.py` file
- Types, int, float, and string
- String concatenation and repetition