1. STRING

A screenshot of a computer program

AI-generated content may be incorrect.

1. If we want to remove the unexpected space or whitespace from a string. We use: \*object.strip()

* We have many types of printing out a string:

name = input (“What’s your name? “)

+ print(“Hello, “ + name)

+ print(“Hello,”, name)

+ print("Hello,{name}”)

A close-up of a computer code

AI-generated content may be incorrect.

1. Capitalize user’s name (capitalize the first letter of string)

\*object.capitalize()

1. A screenshot of a computer

   AI-generated content may be incorrect.  
     
   - If we want to capitalize all the first letter of every word. We use:  
   \*object.title()
2. A screenshot of a computer

   AI-generated content may be incorrect.  
     
   We can combine both or more of functions by connecting them after a dot. For example:  
    - We can use: name = input(“What’s your name? “).strip().title()

- Or we can use other way to look easily: name = name.strip().title()

1. If we want to split a string into 2 pieces or we want to add 1 letter between a string. We can use:

first, last = name.split(“ “)

1. INT

1.A screenshot of a computer

AI-generated content may be incorrect.  
  
- We can assign the value z as a int type by z = int(x) + int(y). Make sure both addition values are the same type int value.

2. A screen shot of a computer

AI-generated content may be incorrect.

Or we can assign the type int for value at beginning of function.

1. FLOAT

A close-up of a black text

AI-generated content may be incorrect.

* We can round the number with how many decimal places we want.  
  For ex: z = round(x+y) 🡪 it has been rounded up to 0 decimal because we didn’t add any number in ndigits place.
* A screen shot of a computer

  AI-generated content may be incorrect.  
    
  A close-up of a calculator

  AI-generated content may be incorrect.

In the US, after thousands of a number, it has a comma marking to easily read. We can use:

Print(f”{z:,}”)

+ We assign the value z by adding f to the beginning of argument.

A screenshot of a computer program

AI-generated content may be incorrect.

We can round the float number by other way like:  
print(f”{z:.2f}”)

* Result:A close-up of a calculator

  AI-generated content may be incorrect.

1. DEF is short for define

A screenshot of a computer code

AI-generated content may be incorrect.

We can define a function by using : def func():

A screen shot of a computer

AI-generated content may be incorrect.

A close up of a message

AI-generated content may be incorrect.

A screen shot of a computer code

AI-generated content may be incorrect.

1. RETURN VALUE

A screen shot of a computer

AI-generated content may be incorrect.

A close up of a computer screen

AI-generated content may be incorrect.