

# 1. Variables

🕒 Created	@April 3, 2023 3:39 PM
➦ Related to Python	

A variable is a container for a value that it contains.

**Legend: data\_type (Data Type name): Details.**

- a. **String:** A set of characters. Syntax: `variable name = "value" or 'value'`
- b. **int (Integer):** A whole number. Syntax: `variable name = value`. (Note: Cannot concatenate into a string. Need to typecast and convert to String. Unlike Java)
- c. **float (Float):** A floating point number (Also called: A decimal number). Syntax: `variable name = value` (Note: Same typecasting required as int.)
- d. **boolean (Boolean):** Stores only true or false. Syntax: `variable name = value` (Note: Same typecasting requires as float/int).