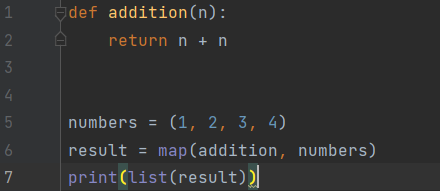
**FUNCTIONS:**

**Mapping function:**

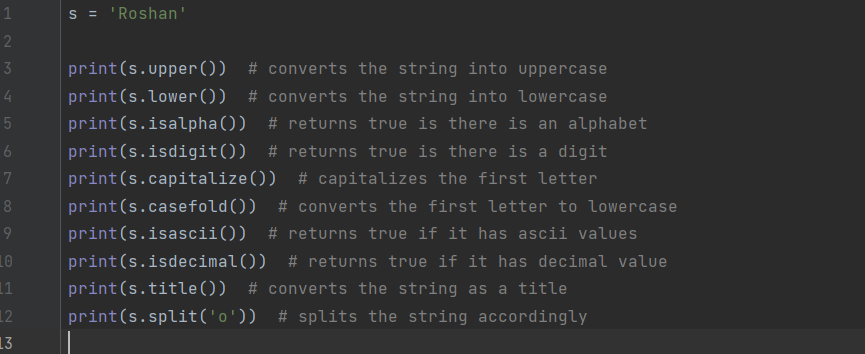
In Python, "maps" are commonly referred to as dictionaries. They consist of key-value pairs for efficient data retrieval and storage.

****

**Output:**

****

**String Function:**

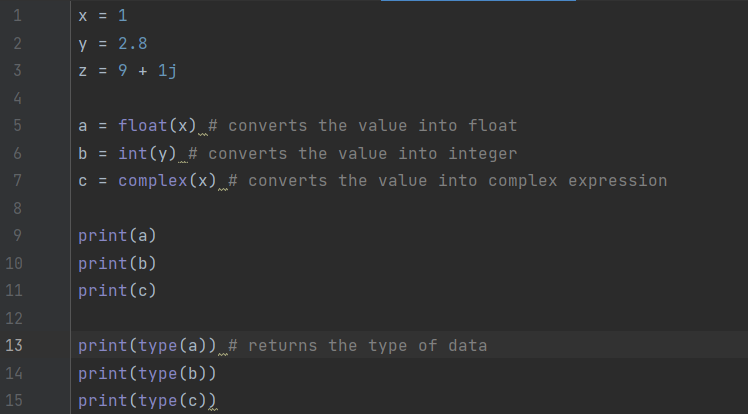
We can perform many operations using some string functions.

**Output:**

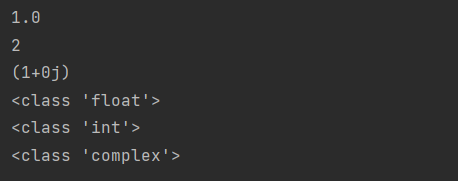
****

**Number Function:**

Here are some number functions.

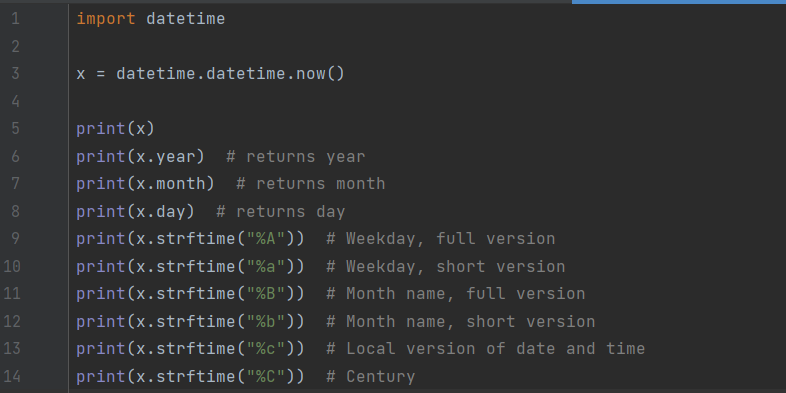
****

**Output:**

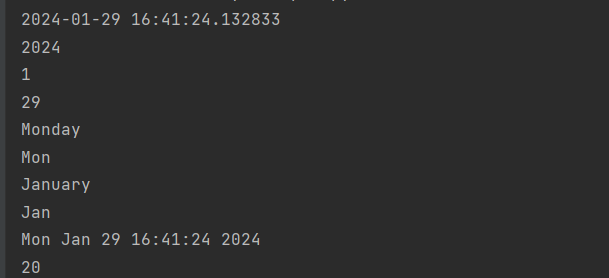
****

**Date and Time function:**

A date in Python is not a data type of its own, but we can import a module named datetime to work with dates as date objects.

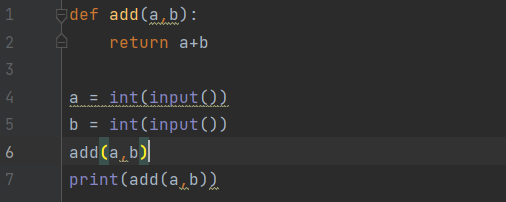
****

**Output:**

****

**Python function:**

Modular block of code. Defined with def. Takes input, performs tasks, and optionally returns a result.

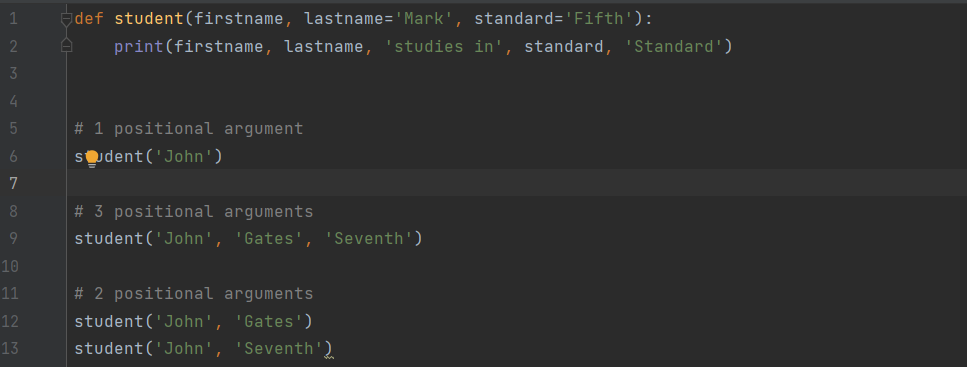
****

**Output:**

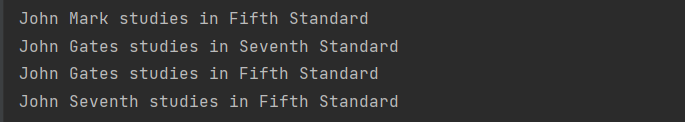
****

**Default argument values:**

Function parameters with default values. If not provided during the function call, defaults are used.

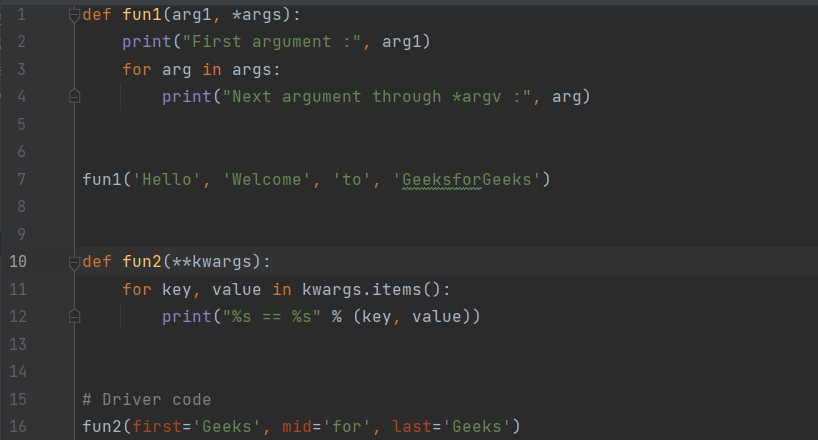
****

**Output:**

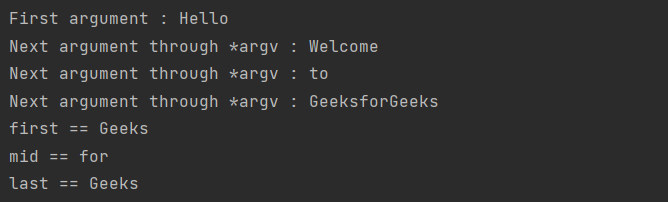
****

**Keyword Arguments:**

Function arguments identified by parameter names are keyword arguments.

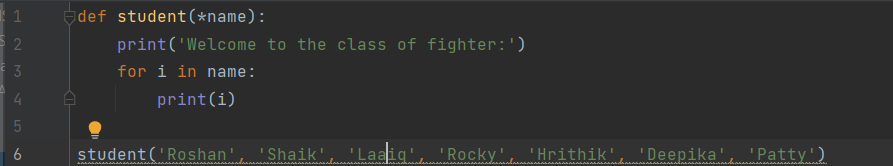
****

**Output:**

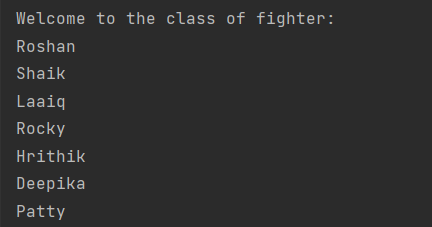
****

**Arbitrary argument lists:**

Function parameter that allows passing variable number of arguments. Defined using \*args.

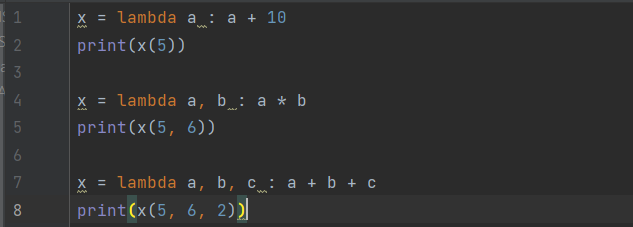
****

**Output:**

****

**Lambda expressions:**

Anonymous functions. Defined with lambda. Often used for short, one-time operations.

****

**Output:**

****