**Python** **casting**

* **Specify a variable type**
* There may be times when you want to specify a type on to a variable. This can be done with casting.
* Python is an object-orientated language, and as such it uses classes to define data types, including its primitive types.
* Casting in python is therefore done using constructor functions.
* int() - constructs an integer number from an integer literal, a float literal (by removing all decimals), or a string literal (providing the string represents a whole number).
* float() - constructs a float number from an integer literal, a float literal or a string literal (providing the string represents a float or an integer).
* str() - constructs a string from a wide variety of data types, including strings, integer literals and float literals.