**1 .How to check a variable’s type?**

\*You can check a variable’s type by these ways:

- If the value is enclosed in quotation marks, it is a string.

For example:+ “Heisenberg” is a string

+ 737 is an integer

- You can use a Python’s function called **type** to check what class the value falls into:

Example: >>> type ( “ Walter ” )

<class ‘str’>

Or

>>> type ( “ 737 ” )

<class ‘int’>

**2. In what cases, you will get *SyntaxError* from the compiler telling you that some of your variables have invalid names? Can you give 3 different examples of invalid names?**

\* You will get ***SyntaxError*** from the compiler telling you that some of your variables have invalid names when you give the variable an illegal name:

- The name doesn’t start with a letter (or an underscore):

Example: 737Albuquerque

-The name contains an illegal character ($,%,#,…)

Example: Money$

-The name is one of the Python **keywords**