

- How to check a variable's type?
 - To check a variable's type: **isinstance**(@nameofvariable, @datatype)
 - `a = 8`
`isinstance(a, int)`
`=> True`
 - To determine a variable's type: **type**(@nameofvariable), @nameofvariable.__class__
 - `a.__class__`
`=> <type 'int'>`
 - `type(a)`
`=> <type 'int'>`
- 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?
 - Name start with a number:
 - `7chuanen = 123`
 - Name contain illegal character:
 - `chuanen$7 = 123`
 - Name same as python syntax:
 - `while = 123`