Nguyễn Đình Tiến – C4E20

Question1: How to check a variable’s type?

Python has a function called **type** to check

**>>>** type("My name is Dinh Tien")  
 <class ’str’>  
 **>>>** type(12)  
 <class ’int’>

Question2: 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**?

Rule about Variables name:

They can contain both letters and digits, but they have to begin with a letter or an underscore. Although it is legal to use uppercase letters, by convention we don’t.

If you give a variable an illegal name, you get a syntax error:

SyntaxError: invalid syntax

For example:

>>> 1apple = "20k"  
 SyntaxError: invalid syntax

# begin with a number  
 >>> more$ = 12021998  
 SyntaxError: invalid syntax

# contain a illegal character ($)  
 >>> class = "Basic Database"  
 SyntaxError: invalid syntax

#class is a keyword of Python

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