**How to check a variable’s type?**

to check the variable name we use for example:

>>> type("Hello, World!")

<type 'str'>

>>> type(17)

<type 'int'>

In what cases, you will get SyntaxError from the compiler telling you

that some of your variables have invalid names?

They can contain both letters and numbers,

but they have to begin with a letter.

Although it is legal to use uppercase

letters, by convention we don't.

The underscore character ( ) can appear in a name. It is often used in names

with multiple words, such as my\_name or price\_of\_tea\_in\_china

It turns out that class is one of the Python keywords. Keywords define the

language's rules and structure, and they cannot be used as variable names.

Python has twenty-nine keywords:and,def,exec,if,not,return

assert,del,finally,import,or,try

break,elif,for,in,pass,while

class,else,from,is,print,yield

continue,except,global,lambda,raise.

**Can you give 3 different examples of invalid names?**

113game = "nguyen tuan ngoc" 113game is illegal because it does not begin with a letter.

price$ = 500 price$ is illegal because it contains an illegal character,

the dollar sign. But what's wrong with class?

def = "codeforeverything"

It turns out that "def" is one of the Python keywords. Keywords define the

language's rules and structure, and they cannot be used as variable names.