

## Rules for variable names in python

```
In [10]: #1. variable name can contain only letter (lowercase + uppercase) digits (0-9) and underscore
#2. name can start with letters or underscore but can't start with a digit
```

## Local and Global variable

Any variable which is created in program scope not in a function, it is known as global variable and can be access anywhere in program at any time during the lifetime of program.

```
def myfunc():
    x=99
    print(x)
myfunc()

print("Python is " + str(x))

99
    Python is 45

In above code the variable defined inside a function is local variable and can be accessed only inside a function and the variable defined outside function is global and it can be accessed any where inside function or out of function scope.

In [15]:

### to create a global variable inside a function use global keyword with variable as,
global x

In []:
```