**Naming conventions for program**

**1. General**

Avoid using general names like my\_list, student\_info etc.

Use variable names like user\_profile, menu\_options.

When using Camelcase names, capitalize all letters of an abbreviation eg. HTTP server

**2. Packages**

Packages names should be lowercase.

Like import numpy as np

**3. Modules**

Modules names should all be lowercase.

e.g. mangement

**4. Class**

Class names must start with uppercase.

e.g. class Authortization.

Well python’s buit in classes start with the lowercase.

Exception class should end in “error”.

**5. Global Variables**

Global variables should be lowercase.

And there is a common mindset beside this because the variables which are declared as global can be used anywhere in the program so to global variable name should start with uppercase.

**6. Instance Variables**

Instance variables should be lowercase.

Non public instance variabel names should start with a underscore.

**7. Methods**

Method names can should all be lowercase.

Non public method names can be start with a underscore.

**8. Method Arguments**

Instance methods should have their first argument ‘self’.

Well it is not necessary that first argument must be ‘self’ you can use your own but most of programmers use ‘self’.

Class methods should have their first argument named ‘cls’.

**9. Functions**

Function names must start with a Uppercase.

**10. Constants**

Comstants names must all be uppercase like PI.

Generally the constants names must be short not much long.