

Code Documentation:

Say I have an example class TestClass with three function a(), b(), c(). should be laid out in the following way:

TestClass.a():

description goes here

TestClass.b():

description goes here

TestClass.c():

description goes here

This is done for all classes you define. Only your Python code should be discussed. The HTML, CSS, and Javascript should be left out.

For the purposes of code documentation lets assume I have a function sum() that looks like this

```
def sum(nums) :  
    total = 0.0  
    for i in nums:  
        total += size  
    return total
```

an example of good documentation for this would be

TestClass.sum(nums):

Takes in an array of floating point numbers and iterates through them to produce the overall sum of those numbers which is return to the user

an example of bad documentation would be

TestClass.sum(nums):

initialises a variable total to zero then does a for loop from i to nums.size(). In the loop we add size to total before returning total after the loop

Models and datastructures documentation:

For models and datastructures used be descriptive. If you are using a database you should mention what each table represents and give a description of what kind of data each field holds. A bad description would be something like this:

DOB: date

A good description would be

DOB: stores the date of birth of the given person.

Similarly with datastructures try and be descriptive about their use. It's not enough to mention what datastructures are used but also to mention why they are used. E.g. a good description would be:

Array<Location>: used to store the history of locations a user has been to in chronological order. We need to this to calculate how long it took a user to cover each kilometre of their journey