# OHD General Programming Standards and Guidelines Peer Review Checklist

| Reviewer's Name:           |   | Taylor Dudunake            |  |                  | Peer Review<br>Date:             |  |   | 03/20/18 |
|----------------------------|---|----------------------------|--|------------------|----------------------------------|--|---|----------|
| Project Name:              |   | Jupyter Notel<br>Assignmen |  |                  | Project ID:  Enter if applicable |  |   |          |
| Developer's Name:          | G | Gus Womeldorph             |  | Project<br>Lead: |                                  |  |   |          |
| Review Files & Source code |   |                            |  |                  |                                  |  |   |          |
| Code Approved              |   |                            |  |                  |                                  |  | • |          |

This checklist is to be used to assess source code during a peer review. Items which represent the code being reviewed should be checked off.

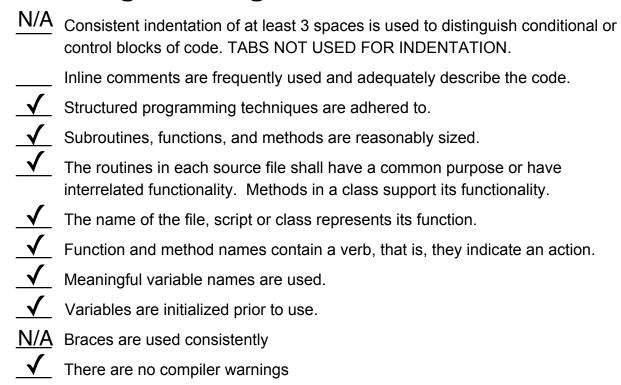
Refer to the *OHD General Programming Standards and Guidelines* document for more complete descriptions and examples of the items listed below.

#### 1. Internal Documentation

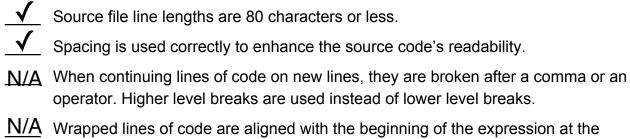
| <b>✓</b> | Comment block exists at the beginning of the source file containing at least the |
|----------|----------------------------------------------------------------------------------|
|          | following information: original author's name, file creation date, development   |
| group,   | and a brief statement of the purpose of the software in the file.                |
|          |                                                                                  |
|          | Each subroutine or function in the file is preceded by a comment block which     |
| provid   | es the following information: routine name, original author's name,              |
| routine  | e's creation date purpose of the routine, a list of the calling arguments        |

(their types and what they do), a list of required files and/or database tables, the routine's return value, error codes and exceptions processed by the routine, and a modification history indicating when and by whom changes were made.

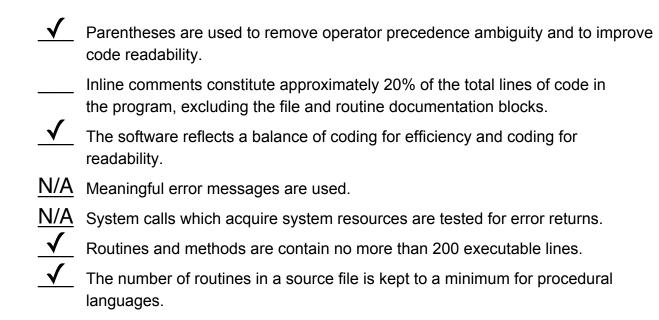
### 2. Programming Standards



## 3. Programming Guidelines



- same level on the previous line.
- $\overline{\text{N/A}}$  Multiple line variable declarations are preceded by a type.
- ✓ Program statements are limited to one per line.
- ✓ Nested program statements are avoided.



#### **Reviewer's Comments:**

Excellent job, Gus. Your submission of this assignment is very well laid out. It looks like we went about this assignment in a very similar manner. I noticed you used a slightly different method for calculating the ARMA models and time steps following 1 (you used the standard deviation of your noise from the last assignment). If I could recommend anything, it would be to provide a bit more detail in your description at the beginning of each task to give an overview of what was going to be done in the proceeding lines of code. Take that with a grain of salt because I know I'm just as guilty of not doing so. Great work!