

# The George Washington University

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## **Advanced Software Paradigms (CSCI 6221.10)**

Homework Assignment #1

Date: 27 Jan 2024

### **Submitted By:**

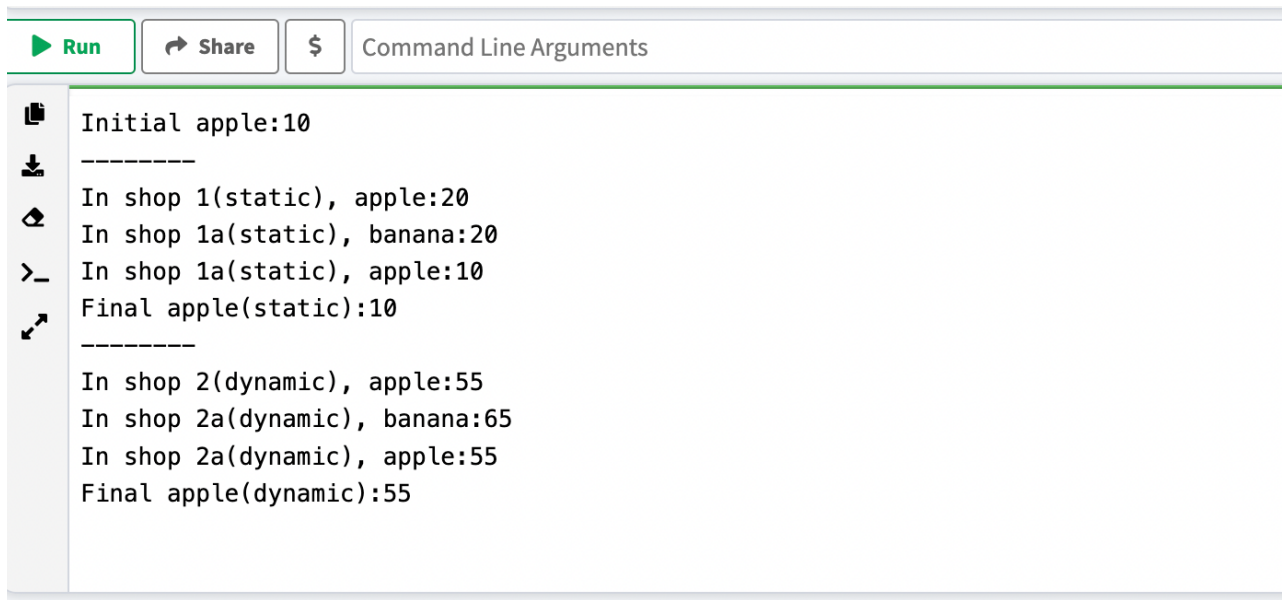
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### **Submitted to:**

Professor Yih-Feng Hwang

## Steps for execution:

1. The provided program is written in **Python**. To run it, use any online Python compiler, for example: <https://www.online-python.com/>
2. Copy the code from the attached source code .txt file and paste it into the code area in the online compiler.
3. Click the “Run” button in the compiler.
4. Review the output/result displayed by the compiler, as illustrate in Figure 1.



```
Initial apple:10
-----
In shop 1(static), apple:20
In shop 1a(static), banana:20
In shop 1a(static), apple:10
Final apple(static):10
-----
In shop 2(dynamic), apple:55
In shop 2a(dynamic), banana:65
In shop 2a(dynamic), apple:55
Final apple(dynamic):55
```

*Figure 1: Result of HW #1 program in an online Python compiler*