COS30041 Creating Secure and Scalable Software [Java EE]

Pass Task 1.1 Set up and Familiarize the environment for Programming Java EE applications

Time Frame: Weeks 1 - 2
Suggested to start and complete in Week 1
Submission Due: Week 2, Thu 5:00pm

Overview
In this task, you are required to set up your own environment for programming Java EE applications.

Purpose	1. To set up your own machines for programming Java EE applications 2. To familiarize yourself with the IDE
Tasks	1.*Set up your Java EE environment* 2 & 3. *Using NetBeans IDE for Java programming*
Suggested Time	1 – 2 hours depending on your machines
Resources	Java SDK; NetBeans; GlassFish

Pass Task 1.1 Submission Details and Assessment Criteria
You must create your own document (pdf) in **portrait** mode[1], which you will upload to Doubtfire, with the following details:

- Your name and student id
- Your tutor's name
- Your own responses to the tasks according to the corresponding instructions (see below)

Tasks and Instructions

Task 1
Complete Lab_01a_Setup_JavaEE

Task 2
Complete Lab_01b_Using_NetBeans

Task 3
Modify the code "VehicleHireApp.java" by adding a user menu for choosing a vehicle type. After a vehicle type is chosen, a list of vehicles for this type is displayed. A sample run is show below:

[1]Landscape mode pdf does not work properly in Doubtfire.

```
run:


List of vehicles in system:
Ed's Holden Caprice Silver (A standard sedan) 2002
John's Mercedes C200 Black (A standard sedan) 2005
Guy's Volvo 244 DL Blue (A standard sedan) 1976
Sasco's Ford Limo White (A six seater limo) 2014
Peter's Ford Limo Black (A six seater limo) 2004
Robert's Ford Limo White (An eight seater limo) 2003


List of vehicle of type SEDAN
Ed's Holden Caprice Silver (A standard sedan) 2002
John's Mercedes C200 Black (A standard sedan) 2005
Guy's Volvo 244 DL Blue (A standard sedan) 1976

It will display a list of vehicles based on the vehicle type you choose:
1: SEDAN
2: LIMO6
3: LIMO8
4: Exit

Please select an option (1-4): 2
Sasco's Ford Limo White (A six seater limo) 2014
Peter's Ford Limo Black (A six seater limo) 2004

1: SEDAN
2: LIMO6
3: LIMO8
4: Exit

Please select an option (1-4): 4
BUILD SUCCESSFUL (total time: 12 seconds)
```

Submission

Once completed, you need to submit a pdf file that contains all your work (e.g. selected code segments – show me the key stuff and some screen dumps of your testing run)

Demonstration

You may be asked to demonstrate your assignment in the lab. You should be able to do this and explain your code when asked in the lab session.