

Total marks: 60

| Due Date: 28th May

Write a Java Swing application source code to manage computers in a lab as follows: The Computer Science Department has a laboratory with a number of networked computers. You need an application which will capture the computers using their IP Address and value amount. So, the app should be able to capture the computer details through the keyboard, add them to an ArrayList and also display the details from the ArrayList to a dialog box as shown below. You need to write the source code of the:

- a) Computer Class [15]
- b) Computer Swing Application. [35]
- c) Draw a UML class Diagram of your application. [10]

Lab App

Computer Lab

IP Address 10.0.0.1

Value 5000

+ Show Computers

Clear Exit App

Info

Computer Inserted

OK

Lab App

Computer Lab

IP Address 10.0.0.2

Value 7000

+ Show Computers

Clear Exit App

Co...rs

10.0.0.1 \$5,000.00

10.0.0.2 \$7,000.00

OK