**OOP Quiz 1-B**

**Question#1 [3 Marks]:** Using a diagram explain the purpose of the JVM.

**Question#2 [3 Marks]:** Create a class diagram for a **LunchBox**. Think of at least 4 properties and 2 functionalities that it can have. Include the default and parameterized constructors in your class diagram.

**Quesiton#3 [4 Marks]:** Write JAVA code for your above class diagram. Your code should have proper encapsulation, and implementation of the constructors. In your main function, create an array of three lunchboxes with different attributes, using the constructors that you have made. You can use the back side for this question.