1. A restaurant named XYZCafe, buys groceries from a groceries shop for it’s daily needs. It also buys vegetables from a vegetable shop.

a.Create a Java Bean for Restaurant ,which should have methods getGroceries() and getVegetables().

b.Create a Java Bean for Grocery shop, which should have a method supplyGroceries().Inside this method print the text “Groceries supplied”

c.Create a Java Bean for vegetable shop, which should have a method supplyVegetables().Inside this method print the text “Vegetables supplied”

d. Restaurant bean should create Grocery shop bean object inside its getGroceries() method and should call supplyGroceries() method of Grocery shop.

e. Restaurant bean should create vegetable shop bean object inside its getVegetables() method and should call supplyVegetables() method of vegetable shop.

g.Create a main class JavaBeanDemo and inside it’s main method create the Restaurant object and call it’s getGroceries() and getVegetables() method

f. Find which bean is a dependent bean and which bean is independent bean and justify your answer.

g. Can we avoid the ‘bean objects creation’ inside Restaurant bean class? Meaning that is it possible to move the object creation code outside the Restaurant bean class?

Completing the above assignment will prepare you for the **Spring framework** session on Day 1