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### Question 1 [C02] [10 Points]

Design the **Orderfood** class so that the following Tester class generates the expected output.

Tester code	Expected Output
<pre> public class Tester {     public static void main(String[] args) {         Orderfood a1 = new Orderfood();         a1.setfoodCapacity(4);         System.out.println("=====[1]====");         a1.addfood("Burger");         System.out.println("=====[2]====");         a1.printDetail();         System.out.println("=====[3]====");         a1.addfood("Dumplings");         a1.addfood("Sushi", 2);         a1.addfood("Prawn Balls");         System.out.println("=====[4]====");         a1.printDetail();         Orderfood a2 = new Orderfood();         a2.setfoodCapacity(5);         System.out.println("=====[5]====");         a2.addfood("Kimchi chicken");         a2.addfood("Shawarma");         System.out.println("=====[6]====");         a2.printDetail();         System.out.println("=====[7]====");         a2.addfood("Pizza", 4);         a2.addfood("Ramen", 2);         a2.addfood("Wonton");         System.out.println("=====[8]====");         a2.printDetail();     } } </pre>	<pre> =====[1]==== Burger is added to the food list =====[2]==== Total items: 1 Maximum Capacity: 4 Your Food list: Burger =====[3]==== Dumplings is added to the food list Sushi is added to the list Sushi is added to the list Oops! You've reached the limit. You can't add more than 4 items =====[4]==== Total items: 4 Maximum Capacity: 4 Your Food list: Burger Dumplings Sushi Sushi =====[5]==== Kimchi chicken is added to the food list Shawarma is added to the food list =====[6]==== Total items: 2 Maximum Capacity: 5 Your Food list: Kimchi chicken Shawarma =====[7]==== Oops! You've reached the limit. You can't add more than 5 items Ramen is added to the list Ramen is added to the list Wonton is added to the food list =====[8]==== Total items: 5 Maximum Capacity: 5 Your Food list: Kimchi chicken Shawarma Ramen Ramen Wonton </pre>

