Project 5 - Using Arrays

BOBA JOINT

(50 points)

Create a **list** of your favorite Boba flavors and add appropriate pricing. Do the following tasks:

1. Write a method called **myBobaWorld**

   Welcome to the world of BOBA! House of _____ high yummy calorie intakes!
   (Fill the blank with the count of items in the list of Boba flavors you created)

2. Create a **menu** method that first prints the message from task 1, and then lists the items your store sells.
   Welcome to the world of BOBA! House of _____ high yummy calorie intakes!
   Here are your choices:
   a. *Almond Milk Tea*
   b. *Coconut Milk Tea*
   c. *Coffee Milk Tea*
   d. *Honeydew Milk Tea*
   e. *House Milk Tea*
   f. *Jasmine Green Milk Tea*
   g. *Matcha Green Milk Tea*
   h. *Original Milk Tea*
   i. *Strawberry Milk Tea*
   j. *Taro Milk Tea*
   k. *Thai Milk Tea*
   l. *Vanilla Milk Tea **

3. Create another method **pickYourFlavor** that asks the customer what flavor he/she likes. Read the user's response and check the list to see if your joint sells it. If yes, print a message *"One ##### coming up!"* else let the customer know **"Sorry, we do not have that."** and then add this flavor to your list so that next time the user asks, you have that flavor. (Test if flavor gets added on customer's second order). *Customer should be able to choose a different flavor if not available.*

4. Create a **list** of **toppings** and a separate **price list** for each topping. *Prices to be generated using Math.random().* Create a method **pickYourToppings** that asks user what toppings they would like (User may even say none). Produce a bill for the customer.

5. Your program should take multiple customers *and multiple orders per customer*.

6. Declare an appropriate size of the array you will use and initial population of the array must be done from a text file.

7. Organize your code using given methods and any helper methods needed.