**Suggested way of solving the project:**

1. Create two classes one called **TestGenerator** and the other called **TestGeneratorDemo**.
2. In the **TestGenerator** class, create a
3. A two dimensional array of Strings with 20 rows and 5 columns. Call this array **TestBank** because it will hold the questions that are in the text file.
4. A one dimensional array of 10 rows of int which will be randomly populated with numbers from 0 to 19 which will correspond to the questions from array **TestBank**. Call this array **SelectedQuestionNumbers** You will be using this array to determine what questions are going to be used for the test by using a random number generator that assigns a value between 0 and 19.
5. A two dimensional array of Strings with 10 rows and 5 columns to hold the questions the user will be asked. Called this array **TestQuestions**.
6. A two dimensional array of Strings with the users answers to the 10 questions. Call this array **UsersAnswers**.
7. Write a method in the class that opens the text file called TestBank.txt and reads the file line by line placing each line in the components of the **TestBank** array. The questions in the TestBank.txt file are organized in five lines per question as follows:

First line is the question

Second line is answer for A

Third line is answer for B

Fourth line is answer for C

Fifth line is the correct answer

1. Write a method that populates the array **SelectedQuestionNumbers** with numbers from 0 to 19 by using a random number generator.
2. Write a method that populates the array **TestQuestions** with the questions that were selected by the random number generator. Let’s say that the **SelectedQuestionNumbers[0]** has the value 5, then copy question 5 from **TestBank** to row 0 of **TestQuestions**.
3. Write a method that displays the questions one by one to the user. As you present the questions to the user, put their answer in the **UserAnswers** array. Allow the user to be able to go back to any question. Do this until the user says they are done.
4. Once the user has submitted their answer, compare their answers to the correct answer in **TestQuestions** array. Calculate their score and let them know how many questions they got right and what percentage.
5. Use the class called TestGenerator Demo to create a TestGenerator object and give the user the test.