**Coding Exercise – Security Questions**

Using Visual Studio and c#, build a console app that stores answers to security question for a specified person.  It has the following flows :

* Prompt for Name – Initial Flow: “Hi, what is your name?”
  + If the name has no stored questions, present the Store flow
  + Else, asks if the user wants to answer a security question : “Do you want to answer a security question?”
    - If Yes, present the “Answer” flow
    - Else re-do answers through the “Store” flow
* Store : “Would you like to store answers to security questions?”
  + If yes, loop through provided questions and prompt them for answers, storing the answers
    - Out of 10 total questions the user has to choose 3
  + Present the “Prompt for Name” when finished or user declined to store
* Answer : present questions until either the user runs out of questions or answers one correctly
  + If the user answers correctly, congratulate the user
  + If the user runs out of questions, let them know
  + Go back to the Prompt for Name flow when finished

Any storage mechanism can be used as long as it is persistent so that after shutdown and restart a user that previously stored answers could answer a security question.

Use good coding practices. Add a readme text file describe the design intent, design choices, and any other explanations.

Below are some sample questions.

* In what city were you born?
* What is the name of your favorite pet?
* What is your mother's maiden name?
* What high school did you attend?
* What was the mascot of your high school?
* What was the make of your first car?
* What was your favorite toy as a child?
* Where did you meet your spouse?
* What is your favorite meal?
* Who is your favorite actor / actress?
* What is your favorite album?