Homework Assignment 2  
Software Design  
Summer 2016

**Part 3: Modifying an existing survey/test -**

Modify your program so that each type of question can be modified not simply deleted and replaced.

Modify main menu 1 so that it now has an option for modifying an existing survery.

i.e. Menu 1

1) Create a new Survey  
2) Create a new Test   
3) Display Survey  
4) Display a Test   
5) Save a Survey  
6) Save a Test   
7) Modify an Existing Survey  
8) Modify an Existing Test   
9) Quit

When you s**elect option 7 from Menu 1, prompt the user to ask which survey to modify**

**i.e**

**What survey do you wish to modify?  
*Enter existing Survey name***

Next ask what question you wish to modify.

i.e.   
What question do you wish to modify? *Enter existing question.*

If you select multiple choice the program should first ask you if you wish to modify the prompt and then ask which choices you wish to change. i.e.

i.e.

Output the prompt for the existing question

Do you wish to modify the prompt? *User response entered*

If the Answer is *Yes*  
Display the prompt.  
Enter a new prompt: *New prompt entered*

**Do you wish to modify choices?**  
if the answer is yes  
Display the choices  
Which choice do you want to modify? *Choice is Entered*  
*New Value is Entered*

If instead you picked to modify a test, your program should have one more prompt.

i.e.

Do you wish to modify the correct answer?  
If the answer is yes, prompt:

What choice do you wish to make the new correct answer?  
*User enters their choice*

**Part 4: Take a Survey/Test -**   
Add to the Main Menu an option to take the survey or test, load a survey or test

i.e.

1) Create a new Survey  
2) Create a new Test   
3) Display Survey  
4) Display a Test   
5) Save a Survey  
6) Save a Test   
7) Modify an Exisiting Survey  
8) Modify an Existing Test   
9) Load a Survey  
10) Load a Test  
11) Take a Survey  
12) Take a Test   
13) Quit

**Filling out a survey/test**

After selecting option 11 or 12, the user is prompted to enter the name of the survey/test to take and then the questions are asked and answered

i.e.

Enter the name of the test you wish to take: testname

1) What is your favorite movie? Fletch

2) What is the most evil team in football?   
A) Dallas Cowboys B) New England Patriots C) New York Giants   
A

etc...

Note: Whether you choose a test or survey filling out a survey/test is the same. Results should be automatically saved after completing it. You don't have to worry about people starting and stopping the survey/test in the middle.

**Loading a survey/test**

After selecting option 9 or 10 the user should be prompted with the survey or test name to load into memory. After it is loaded the other options can be used to display, take, etc... the survey/test.

**Saving the responses of a survey/test**

After each survey or test is taken the results must be stored in a file. You may choose whatever file representation scheme you like.