CS 100 Project Two – Fall 2017

Project Overview: Part of your adjustment to college is determining how much time you need to spend talking with your family and keeping in touch. Deciding when and how much to communicate with your family can be a difficult decision, so you are going to write a program to simplify your life. This program asks a few basic questions and then tells you the most appropriate action to take.

The flowchart on the next page guides the decision process. Your program will implement this flowchart. Specifically, it will prompt the user for several inputs. It then tells the user what to do. Two sample executions of the program are shown below, with the program prompts in blue and the user responses in red.

```
Who are you thinking about?  parents
Mom? yes
Are things bothering you? yes

Call them (and be prepared to spend at
least 10 minutes on the phone)
```

```
Who are you thinking about?  sibling
Younger or older? younger
How do they view you? hero
Do you have a test tomorrow? yes

Send a quick text about your day
```

You can assume the user will always enter legal input. Every input will be one of the lowercase words shown below, and each input will be one of the expected answers to the respective question.

`yes  no  parents  sibling  other  younger  older  hero  useless`

The exact wording of the prompts (questions) is up to you. You can customize them as you want as long as you maintain the existing flowchart functionality.

What You Need To Do

- Create a directory **`project2`** on your machine. In that directory, create a file named **`talk.c`**
- In **`talk.c`**, write the code needed to implement the "keep in touch" flowchart. Make sure that you:
  - Include a header block of comments with your name and a brief overview of the program.
  - Prompt the user for input and make a recommendation based on that input.
  - Print the expected output in a clear, legible format, such as:
    - **Do nothing (let them call you)**
    - **Send a quick text about your day**
    - **Call them (and be prepared to spend at least 10 minutes on the phone)**
- You may assume that all input is lowercase and legal and answers the specific question that was asked.
- There are fifteen possible paths through this flowchart. You can see where each of the paths should lead. Make sure that your program works for all possible paths through the flowchart.
- When you are ready to submit your project, bundle your **`project2`** directory into a single (compressed) zip file. See the **Basics** document on Blackboard if you do not remember how to do this.
- Once you have a compressed zip file that contains your **`project2`** code, submit that file to Blackboard.

Project2 is due at 5:00pm on Friday, September 22. Late projects are not accepted.

CS 100
Keeping in Touch Guide