

Write a program that will compare the "health" of two different people. You will use BMI to figure out who is more "healthy". You have some useful code in your previous Health Program, so copy it over to the new program to start.

This program requires you create a simple function to compute BMI. This function has as inputs (Parameters), the height and weight in English units. Remember it has to be declared before main(). Here is some sample code to start you out:

```
float computeBMI (float inputHeight, float inputWeight ) {  
    . . .
```

For two people, create two set of variables (1 Name, 1, Height and 1 Weight per person. So 6 variables)

- Prompt the user to enter the data for each person, one at a time.
- Compute and display the BMI for each person.
- Compare each BMI
- Display an assessment of who is healthier (the lower BMI is "Healthier"). There are 3 outcomes:
  - Person 1 is "Healthier".
  - Person 2 is "Healthier"
  - Person 1 and Person 2 are equally "Healthy"

Make the output look nice and clean. Use the person's full name, etc.

Before you run the program, create some test cases with representative inputs and expected outputs. (Use an on-line calculator to compute some BMIs). Hint: There will be 3 test cases minimum.

Sample Output (for 1 of 3 test cases):

```
Howard Miller      CIST 004A
```

```
Enter person one's name: Howard A Miller
```

```
Enter person one's height in inches: 72
```

```
Enter person one's weight in pounds: 175
```

Enter person two's name: Homer Simpson

Enter person two's height in inches: 67

Enter person two's weight in pounds: 259

Howard A Miller's BMI is: 23.734.

Homer Simpson's BMI is: 40.5648.

Howard A Miller is "Healthier" than Homer Simpson.

Program ended with exit code: 0

Copy the output results to a separate file (like HealthRecord.txt)

Upload three files to Canvas (main.cpp, HealthRecord.txt and TextCases.txt)