**Problem 1**

1. True
   1. printf is used in the code
2. False
   1. printf is the function that allows us to output to the screen
3. False
   1. There are 2 headers (<stdio.h> and <string.h>) and 2 preprocessors (#include and #include)
4. False
   1. argc is an in, as defined in the parenthesis of int main()
5. True
   1. The program does not rely on any strings to function
6. False
   1. The program needs #include <stdio.h> to input/output (printf and scanf)
7. False
   1. There is no way to tell for certain if scanf has the same return value as main, although they return the same return value in this code
8. True
   1. 100-grade is the only operator used (-)

**Problem 2a**

1. Ask for number of patients
2. Get age input for each patient
3. Ask for number of patients
4. Get age input for each patient
5. Find total amount of medicare patients in each hospital
6. Compare # and output

**Problem 2b**

1. int patientCount(int hosNum)
   1. hosNum is specifying which hospital number the user if referring to and is necessary for clarifying which hospital the user is inputting for.
2. void ageInput(int hospital[],int size)
   1. hospital[] is inputting a blank array to be filled that is of int size
   2. size is necessary for for loops pertaining to the hospital array
3. int medCount(int hospital[], int size)
   1. hospital[] is full of ages to be compared
   2. size is necessary for for loops pertaining to the hospital array
4. void comparePatients(int one, int two)
   1. one is for the count of medicare patients at the first hospital
   2. two is for the count of medicare patients at the second hospital