1. (20 points) Evaluate each expression to be TRUE, FALSE, or containing an ERROR. Assume the program has executed the statements: x=2; y=9; z=6;

   A. \((x > y \&\& y > z)\) \text{False}
   B. \((x < y || y > z)\) \text{True}
   C. \(! (x < y)\) \text{False}
   D. \((x + y > z)\) \text{True}

5 pts each; no partial credit

2. (30 points) Prof. C.S. Iscool is assigning letter grades to her class. A student receives an “A” if they score 200 points or more on their assignments. They may ALSO receive an “A” if they score 150 points or more and did the extra credit. If they didn’t do the extra credit, then they receive a “B” if they scored 100 points or more, but less than 200 or a “C” if they score between 0 and 100 points.

Complete the program (begun below) which prints out the correct letter grade for the students. You only need to complete the conditional logic. You DO NOT need to write the code which gets the input from the user.

```c
int points; //number of points students earned
boolean ec; //value indicating if student did extra credit
```

//assume code here which assigns valid values to the variables

Graded on a scale of 1 to 5. Multiply the scale score by 6 to get points received for the problem.

1: Completely Incorrect, logic flawed or missing, little or no syntactical knowledge
2: Mostly incorrect logic; major syntax issues
3: Logic correct for some cases; can have major syntax misunderstanding
4: Mostly correct logic and syntax (no more than 2 logic errors and one syntax issue)
5. Completely Correct Logic and Syntax. (if logic completely ok but one minor syntax issue, given a scale score of 5 but minus 1 on quiz)