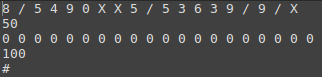
**Bowling problem**

You want to know how well you *might* do if you bowled once down a lane that had more pins than normal (>19) given your previous game history. You can compare a game’s total points with the total possible points possible to get a rough estimation. In your fantasyland, you still get points for strikes (for every 10 pins down).

Input: One line is a single game’s history (follows official bowling rules) which can consist of non-negative integers, a forward slash to indicate a spare, or the letter X to indicate a strike, all separated by whitespaces. After each line of game history will be an integer > 19 that indicates the number of pins desired to be knocked down. There will be an octothorpe (#) following the last number of desired pins.

Output: For each game, output a line containing the max points possible given the desired number of pins, then a whitespace followed by the projected number of points to be obtained given that game’s history, then another whitespace, then finally a percentage indicating the projected number of points out of the total number of points possible (rounded to 2 decimal places)

Sample input:  


Sample output:

