Bowling Exercise (SE)

User Story

Title: Bowling Scoring Application

Description

As a bowler, I want to be able to enter a list of bowling frame scores so that I can see the progress and total score of my game.

Acceptance Criteria:

- I will have a place to enter a series of scores per frame.
- A strike is scored as defined below.
- A spare is scored as defined below.
- An incomplete game is scored up to the last frame provided.

Information

Please read through the following and develop a solution to complete the user story. Your deliverable should be working code (github, zip file, other… up to you) with some brief instructions.

Definitions

Frame	
A frame consists of 2 opportunities to knock down 10 bowling pins with a bowling ball. The 10 pins are then reset for the next frame.	

	How to Score
Strike If you knock down all 10 pins in the first shot of a frame, you get a strike.	A strike earns 10 points plus the sum of your next two shots.
Spare If you knock down all 10 pins using both shots of a frame, you get a spare.	A spare earns 10 points plus the sum of your next one shot.
Open Frame If you do not knock down all 10 pins using both shots of your frame (9 or fewer pins knocked down), you have an open frame.	An open frame only earns the number of pins knocked down.
The 10th Frame The 10th frame is a bit different: If you roll a strike in the first shot of the 10th frame, you get 2 more shots.	The score for the 10th frame is the total number of pins knocked down in the 10th frame.

| If you roll a spare in the first two shots of the 10th frame, you get 1 more shot.

If you leave the 10th frame open after two shots, the game is over and you do not get an additional shot. | |

Some definitions from http://www.fryes4fun.com/Bowling/scoring.htm