

# Bowling Scoreboard

Write a program that returns a bowling scoreboard for a given input of knocked down pins. A bowling game consists of 10 frames and each frame allows 2 rolls to knock down the 10 pins.

You can expect the input to your program as a sequence of numbers on the command line.

There are three kinds of finishing a frame:

## Open Frame

Not all 10 pins are knocked down with 2 rolls. The score is just the knocked down pins.

Frame 1 Roll Nr. 1: **5 Pins**

Frame 1 Roll Nr. 2: **2 Pins**

Score = **5 + 2 = 7**

## Spare

This means all 10 pins are knocked down with 2 rolls. The score is the knocked down pins plus the next roll as bonus.

Frame 1 Roll Nr. 1: **7 Pins**

Frame 1 Roll Nr. 2: **3 Pins**

Frame 2 Roll Nr. 1: **1 Pins**

Frame 2 Roll Nr. 2: **5 Pins**

Score Frame 1 = **7 + 3 + 1 = 11**

Score Frame 2 = **11 + 1 + 5 = 17**

## Strike

All 10 Pins are knocked down with a single roll. The score is the knocked down pins plus the next two rolls as a bonus.

Frame 1 Roll Nr. 1: **10 Pins**

Frame 2 Roll Nr. 1: **2 Pins**

Frame 2 Roll Nr. 2: **3 Pins**

Score Frame 1 = **10 + 2 + 3 = 15**

Score Frame 2 = **15 + 2 + 3 = 20**

## Examples/Test cases

**Input: 1,2,3,4,5,0**

**Scoreboard: 3,10,15**

(1+2)+(3+4)+(5+0)

**Input: 1,1,10,0,3,7,5,2**

**Scoreboard: 2,22,37,44**

(1+1)+(10+3+7)+(3+7+5)+(5+2)

**Input: 7,3,1,5**

**Scoreboard: 11,17**

(7+3+1)+(1+5)

**Input: 10,0,10,0,10,0,9,1,5,0**

**Scoreboard: 30,59,79,94,99**

(10+10+10)+(10+10+9)+(10+9+1)+(9+1+5)+(5+0)