Cross Country Assignment

The Bayview Glen Cross-Country team is looking for a way to manage their team members running times better. In order to accomplish this task they would like to invest in a computerized solution. Your job is to develop a solution for tracking running times based on the following specifications:

1. The team members currently run 5 km intervals that need to be broken down into what are referred to as splits.
2. There are three splits in a 5 km run. Those being the first mile, second mile(this is not from the beginning) and the distance after the second mile to the end of the race.
3. You will prompt the user for their first and last name and the following information about their run:
   1. Time to the first mile
   2. Time to the end of the second mile
   3. Time to complete the 5 kms.
4. All times are reported in minutes, seconds and milliseconds (milliseconds are always reported using 3 decimal places). Example: 5:34.221
5. You must choose to an appropriate method for prompting the user for the times.
6. Once you have the information from the user you will display a summary of that particular run.
7. You will need to enter this data for five runners. Each time displaying the Summary Information.
8. Once all five runners’ data have been entered, you will need to display the data in a table with appropriate headings. The headings and data should match what was displayed in the Summary for each runner.
9. Your programs should handle input from the user that does not always correspond to the format illustrated above. For example, the user is not required to enter 3 decimal places. That said, they must enter minutes:seconds.
10. You must ensure that all code uses correct Java programming conventions, it is commented appropriately, and is easy to read (spacing and indentation).
11. This assignment must be done using the standard input and output streams. (Keyboard and Console).