

1. (6 marks) You are to write a small system for recording students' test score.

The system has 2 files, data.pl and logic.pl. data.pl stores

- the score of each student,
- maximum score,
- the number of students (count),
- and the sum of all scores.

Complete the code for function 'start':

Assume that we never input student with the same name, this function keeps asking for a student name and his/her score, then updates all data stores in memory, and also prints the average score, and repeat.

An example run is as follows:

?- start.

Please enter student name

|: peppa.

Please enter student score.

|: 20.

Average = 14

Please enter student name

|: george.

Please enter student score.

|: 17.

Average = 14.75

Please enter student name

|: mello.

Please enter student score.

|: 13.

Average = 14.4

Please enter student name

|:

ERROR: Stream user_input:24:4 Syntax error: Unexpected end of clause

?- max(X).

X = 20.

?- count(N).

N = 5.

?- sum(S).

S = 72.