Program 505d

(Baseball scorebook)

**Program Description:** A coach wants to find out which days of the week his team is performing better. Write a program that reads in a player’s first name, then last name, then 7 sets of data. Each set of data has how many hits that day followed by the number of at bats that day.

The coach wants a program which will display each of the players in the data file, name, then each of the day’s batting averages.

An external data file contains all of the players for the class

A final page should be shown which tells the coach what the batting average was for each day of the week and how many total hits the team got for that week.

**Statements required**: input, output, decision making, loop control, strings, arrays

**Data Location: prog505d.dat**

**Sample output:**

Fred Sluggo .500 .250 .333 .250 .000 .000 1.000

Sally Swatter .125 .250 .667 .250 1.000 .500 .000

Dan Aaron .222 .335 .250 .250 .000 .000 1.000

Monday 14 .333

Tuesday 18 .355

Wednesday 12 .375

Thursday 15 .313

Friday 10 .300

Saturday 20 .350

Sunday 25 .333

Total Hits 114