

CS 12: Pilot's Logbook Entry Class for LSA

Each object instantiated from this class will contain a single logbook entry. Each logbook entry should contain the following information:

Field Type	Field Name	Description	Example Data
String	date	Date of flight.	4/20/2016
String	makeModel	Make and model of aircraft.	Cessna 172 M
String	idNumber	ID number of aircraft.	N512QC
String	from	Airport ID	LHM
String	to	Airport ID	SMF
int	landings	No. of day landings.	1
float	hobbsTime	Hours of Hobbs meter time.	1.2
float	insHoodTime	Hours of instrument time using a hood.	0.6
float	xCountryTime	Hours of cross country time.	2.3
float	pic	Pilot In Command.	1.9
float	solo	Solo time.	1.2
float	groundTraining	Hours of ground training.	1.5
float	flightTraining	Hours of flight training.	1.2
float	totalFlightTime	Should == hobbsTime.	1.3

Your class should provide a constructor (yes, it's huge), an accessor for each field, a toString() method, and an equals() method. The toString should return a nicely formatted string containing all the information in the entry. The equals method should return true if the date, idNumber, and totalFlightTime are all identical. The equals method will allow us to search a list of logbook entries in the next lab.

Test your class by creating at least two logbook entry objects. Use toString to display each object's content. Use equals to test to see if the objects are equal.