

CS1337 501

Assignment 3

Write a program that will:

- Ask the user to enter the following data for monthly activity as an airport:
 - Total number of planes that landed
 - Total number of planes that departed
 - Greatest number of planes that landed in a given day that month
 - Least number of planes that landed in a given day that month
- Use a dynamically allocated array of structures to store such data. They will be 12 array elements, one for each month. The array will hold the data for the entire year.
- Write functions (in a separate header/implementation from the main file) that calculate and output the following statistics:
 - The average monthly number of landing planes,
 - The average monthly number of departing planes,
 - The total number of landing and departing planes for the year, and
 - The greatest and least number of planes that landed on any one day (and which month it occurred in).
- Follow the same usual assignment guidelines, including, commenting code, writing a makefile, two-step building process