

CS344 Lab 8 – Weather Data Analysis III

Assigned: 10/9/09

Points: 20

Purpose

The purpose of the lab is to learn how to manipulate data using a 2 dimensional array.

Process

In this lab you will:

- Read in the weather data generated in Lab 5 and store it in a **single** array
- You will then
 - Display only those data points (time, altitude and velocity (**meters/sec**)) where the velocity is positive and the altitude is greater than 10,000 meters
 - Compute and display the average velocity (**meters/sec**)
 - Compute and display the average height

The display should be **neatly formatted**. **Do not assume that there is only 21 data points in the file.**

Turn in your work as you did for the previous labs.