Lab 1 Write-Up

When we first started planning how we wanted to structure and split up the work for this lab, we had three members on our team, Tania Kabiraj, Salma Hegab, and Ritu Bhalodia. We decided to use Java for this lab, because it was the language we were collectively most familiar with. We discussed how we thought we should structure our internal architecture and came to the collective decision that we should use a 2D array to organize the students and their respective information. This seemed like the best choice for us, because it allowed us to put each student in one slot of the outer array, and their information in the inner array. This allowed us to decide on a certain order in which we will place each piece of information for each student and be able to easily access a given piece of information by using its index.

Task Log:

R4……...Salma Hegab
R5………Salma Hegab
R6………Tania Kabiraj
R7………Salma Hegab
R8………Ritu Bhalodia
R9………Salma Hegab
R10…….Tania Kabiraj
R11…….Ritu Bhalodia
R12…….Tania Kabiraj

When it came time for testing, we approached it by testing one feature at a time. The types of bugs that we ran into were mainly concerned with mixing up the indexes for the inner array, where we would grab the wrong piece of information for a student. Fixing this bug involved changing the index number we were trying to pull, so the time it took was negligible.

Half way through our work time, Ritu Bhalodia dropped the class, so Tania Kabiraj took on R11.