Michael Kearns

Object Oriented Programming

Professor Carpenter

22 September 2019

Lab01 Schedule

The algorithm I used for this program utilized the indices of both arrays to match up the hours and activities. I stored the information from the text file into two arrays. One array had all the hours and the other had all the activities. After the schedule was saved, the user would be prompted to either search by number or activity. There was a for loop dedicated to each choice. Each for loop would go through the array and find the number or activity the user entered. This was done using a variable labelled "i". This is to keep track of the location in the array the match was found. Directly after the match was found, the value stored at the same index of the other array would be printed out. When saving the information from the text file, the order does not change. This means that the number and activity at each index of each array correspond.