

Thomas Lawless

BCS 450

Professor Zhao

Part 3 - Contributions

Our project consisted of two main components. The homework class, which consisted of individual homework objects with variables that described it. The variables in the homework class consisted of the homework's name, due date, completion status with the time completed. The grade and date completed were also added. Abdullah had the idea on how to create the pure function, which calculated the homework's grade with a curve.

The HomeworkSchedule class held all of the homework assignments. The class consisted of an array that held all the homework. Apart of this class is the higher-order function. I struggled to come up with a useful function to create for the higher-order requirement. I ended up creating a simple function that breaks down how many homework assignments should be completed per day in order to stay on track. The function takes the getSize function as a parameter and then divides the output by seven, which averages how many assignments should be completed per day.

In the main function, there is a simple menu in order to select various functions of the program.