Student Average Test Score Calculator Exercise 1

This is the first of three exercises from Project 2

# Introduction

The program was written in C++ x64. The program asks for integer input that is in range on 0 to 10 and if the input is outside of the range or is characters/float(decimal number), the program outputs an “error” (message asking to reinput the value) until the right value is put in.

Once 10 inputs are provided, the program calculates the average and outputs it.

# How it works

I will only briefly describe it and not in full detail as the source code comes with the submission. The program works by creating a for(int i=1; i<11; i++) (starts at 1 as to make it simpler, like display entry number starts from 1 instead of 0). Inside the for loop is a while(CorrectValue), the Boolean starts of as true and goes to false once all the requirements are met. Add the value to a total integer variable Then the loop while loop ends the for loop goes up by one.

Now repeat till i<11 and then calculate the average by dividing the total integer variable by 10.

By Adam Krawczyk