COP 1334C Homework Assignment 7
25 points

Save the following program as *days.cpp* in your homework/homework7 folder.

Days Out
Write a program that calculates the average number of days a company's employees are absent. The program should have the following functions:

- A function that asks the user for the number of employees in the company. This value should be passed **by reference** to the function.
  Function prototype: *void GetNumEmployees(int&);*
- A function that accepts one argument: The number of employees in the company. The function should ask the user to enter the number of days each employee missed during the past year. Keep track of the total number of days missed. This value should be returned as an int.
  (Hint: You will need a for loop)
  Function prototype: *int TotalDaysMissed(int);*
- A function that takes two arguments: the number of employees in the company and the total number of days absent for all employees in the company during the year. The function should return, as a float, the average number of days absent. (No output or user input)
  Function prototype: *float AverageDaysMissed(int,int);*

Input validation:
- *Do not accept a number less than 1.*
- *Do not accept a negative number for the days missed.*

Grading Rubric

Function Definitions:
   a) GetNumEnployees (6)   _____

   b) TotalDaysMissed (6)   _____

   c) AverageDaysMissed (6)   _____

Use of functions in main (7)   _____