Laboratory Work #4

This laboratory work covers basic HTML code, CSS and JavaScript

1. Using JavaScript design a web page to contain 4 text boxes and 2 buttons, as follow,

Attendance: [   ]

Final: [   ]

Lab: [   ]

Midterm: [   ]

[Grade]   [Letter Grade]

Your program should contain 2 functions to calculate, the grade of one student and also his/her letter grade based on following formula:

when Grade button is clicked, the grade of student is calculated as:

grade = 0.05*attendance+0.4*final+0.*35*midterm+0.2*lab

when Letter Grade button is clicked, the letter grade of student is calculated as:

if 90<=grade<100 then lettergrade=A

if 80<=grade<90 then lettergrade=B

if 70<=grade<80 then lettergrade=C

if 60<=grade<70 then lettergrade=D

otherwise lettergrade=F

note: otherwise means else. You can implement if statement as follow:

if (90<=grade && grade<100)

lettergrade=A