// Michael Haley

// Lab 4d

// this program will query the user for their letter grade, and then greet them accordingly.

#include <iostream> // required for taking input and printing output

using namespace std; // sets the program to use the std namespace

int main()

{

char letterGrade; // declares the variable

cout << "Please enter your letter grade (A, B, C, D, or F): "; // prompts the user for a specific input

cin >> letterGrade; // reads user input and assigns the value to the variable.

// uses the switch function to determine which case the users input applies to, and then uses the correct output statement to greet them.

switch (letterGrade)

{

case 'A': cout << "Excellent";

break;

case 'B': cout << "Good";

break;

case 'C': cout << "Okay job";

break;

case 'D': cout << "Just managed to pass";

break;

case 'F': cout << "Failed";

break;

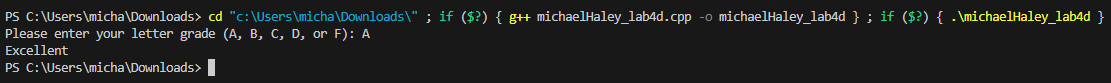
default : cout << "Invalid Grade";

}

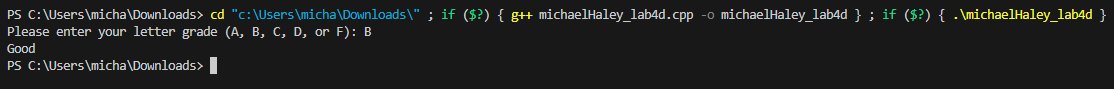
return 0; //successful conclusion of main

}

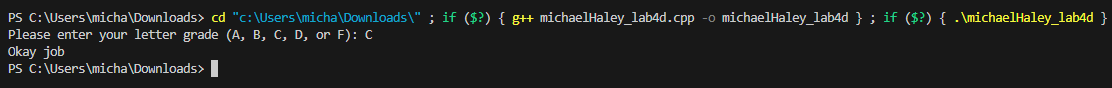
Run 1:



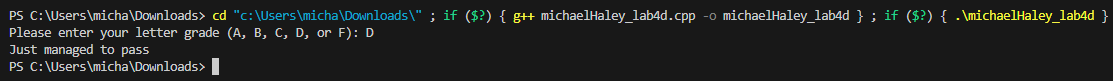
Run 2:



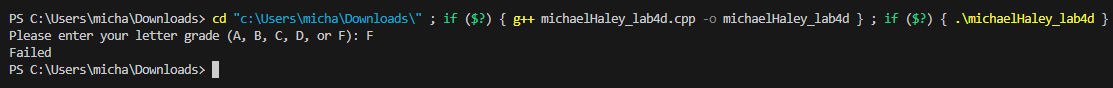
Run 3:



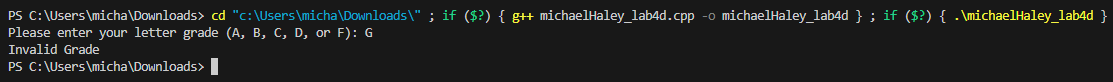
Run 4:



Run 5:



Run 6:



Flowchart:

