12.Write a program that input marks in main function and passes these marks to a function. The function find grade of student on the basis of following criteria

Grade A 80 or above marks

Grade B 60 to 79 marks

Grade C 40 to 59 marks

Grade F Below 40 marks.

Coding:

#include <iostream>

// Function declaration

char findGrade(int marks);

int main() {

int marks;

// Input marks from the user

std::cout << “Enter the marks: “;

std::cin >> marks;

// Call the function to find the grade

char grade = findGrade(marks);

// Display the grade

std::cout << “The grade is: “ << grade << std::endl;

return 0;

}

// Function definition

char findGrade(int marks) {

if (marks >= 80) {

return ‘A’; // Grade A for 80 or above marks

} else if (marks >= 60) {

return ‘B’; // Grade B for 60 to 79 marks

} else if (marks >= 40) {

return ‘C’; // Grade C for 40 to 59 marks

} else {

return ‘F’; // Grade F for below 40 marks

}

}

