Q8. Write a program to read the name of a student (studentName), roll Number (rollNo) and marks (totalMarks) obtained. rollNo may be an alphanumeric string. Display the data as read. Hint: Create a Student structure and write appropriate functions.

#include <stdio.h>

// Define a structure to hold student information

struct Student {

char studentName[50];

char rollNo[20];

int totalMarks;

};

// Function to display student details

void displayStudentDetails(struct Student student) {

printf("Student Name: %s\n", student.studentName);

printf("Roll Number: %s\n", student.rollNo);

printf("Total Marks: %d\n", student.totalMarks);

}

int main() {

struct Student student;

// Reading student details

printf("Enter student name: ");

fgets(student.studentName, sizeof(student.studentName), stdin);

printf("Enter roll number: ");

fgets(student.rollNo, sizeof(student.rollNo), stdin);

printf("Enter total marks: ");

scanf("%d", &student.totalMarks);

// Displaying student details

displayStudentDetails(student);

return 0;

}