**Assignment-1**

#include <stdio.h>

int main() {

char name[50];

int roll\_number, age;

float marks1, marks2, marks3;

printf("Enter name of student: ");

scanf("%[^\n]", name);

printf("Enter roll number: ");

scanf("%d", &roll\_number);

printf("Enter age of the student: ");

scanf("%d", &age);

printf("Enter marks of three subjects: ");

scanf("%f %f %f", &marks1, &marks2, &marks3);

printf("\nDetails of the student:\n");

printf("Name: %s\n", name);

printf("Roll Number: %d\n", roll\_number);

printf("Age: %d\n", age);

printf("Marks in Subject 1: %.2f\n", marks1);

printf("Marks in Subject 2: %.2f\n", marks2);

printf("Marks in Subject 3: %.2f\n", marks3);

return 0;

}

**Assignment-2**

#include <stdio.h>

#include <string.h>

int main() {

char password[] = "password123";

char input[20];

int authenticated = 0;

printf("\nEnter the password: ");

scanf("%s", input);

if (strcmp(password, input) == 0) {

authenticated = 1;

printf("\nYou have been successfully authenticated.\n");

} else {

printf("\nInvalid password. Authentication failed.\n");

}

if (authenticated) {

printf("Access granted. Welcome to the system.\n");

} else {

printf("Access denied. Please try again later.\n");

}

return 0;

}

**Assignment-3**

#include <stdio.h>

int main() {

int score;

printf("Enter your score: ");

scanf("%d", &score);

if (score >= 90) {

printf("Grade A\n");

} else if (score >= 80) {

printf("Grade B\n");

} else if (score >= 70) {

printf("Grade C\n");

} else if (score >= 60) {

printf("Grade D\n");

} else {

printf("Grade F\n");

}

return 0;

}