**Write a C program to create a Structure which takes student information and print it.**

**Code:**

#include <stdio.h>

struct STUDENT {

char name[50];

int age;

float gpa;

};

int main() {

struct STUDENT student1;

printf("Enter student name: ");

scanf("%s", student1.name);

printf("Enter student age: ");

scanf("%d", &student1.age);

printf("Enter student GPA: ");

scanf("%f", &student1.gpa);

printf("\nStudent Information:\n");

printf("Name: %s\n", student1.name);

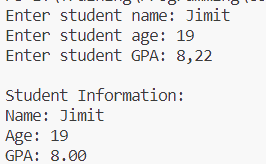
printf("Age: %d\n", student1.age);

printf("GPA: %.2f\n", student1.gpa);

return 0;

}

**Output:**



**Write a C program to create a Structure which takes multiple student information and print it.**

**Code:**

#include <stdio.h>

struct STUDENT {

char name[50];

int age;

float gpa;

};

int main() {

int numStudents;

printf("Enter the number of students: ");

scanf("%d", &numStudents);

struct STUDENT students[numStudents];

for (int i = 0; i < numStudents; i++) {

printf("\nEnter details for student %d:\n", i + 1);

printf("Enter student name: ");

scanf("%s", students[i].name);

printf("Enter student age: ");

scanf("%d", &students[i].age);

printf("Enter student GPA: ");

scanf("%f", &students[i].gpa);

}

printf("\nStudent Information:\n");

for (int i = 0; i < numStudents; i++) {

printf("\nDetails of student %d:\n", i + 1);

printf("Name: %s\n", students[i].name);

printf("Age: %d\n", students[i].age);

printf("GPA: %.2f\n", students[i].gpa);

}

return 0;

}

**Output:**

