**C Programming and Data Structures**

**Computer Science and Technology-B**

**Week 12**

**12. Write a C program to compute internal marks of students for five different subjects using Structures**

**Program:**

#include<stdio.h>

#include<string.h>

struct student

{

char name[10];

int sub1;

int sub2;

int sub3;

int sub4;

int sub5;

};

void main()

{

int n,i;

struct student students[63];

printf("Enter number of sudents:");

scanf("%d",&n);

for(i=0;i<n;i++)

{

printf("\n\*\*\*Enter student %d Details\*\*\*\n",i+1);

printf("Enter student %d Name:",i+1);

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

printf("Enter subject1 marks:");

scanf("%d",&students[i].sub1);

printf("Enter subject2 marks:");

scanf("%d",&students[i].sub2);

printf("Enter subject3 marks:");

scanf("%d",&students[i].sub3);

printf("Enter subject4 marks:");

scanf("%d",&students[i].sub4);

printf("Enter subject5 marks:");

scanf("%d",&students[i].sub5);

}

for(i=0;i<n;i++)

{

printf("\n\*\*\*Student %d Details\*\*\*",i+1);

printf("\nStudent %d Name:%s",i+1,students[i].name);

printf("\nSubject1 marks :%d",students[i].sub1);

printf("\nSubject2 marks :%d",students[i].sub2);

printf("\nSubject3 marks :%d",students[i].sub3);

printf("\nSubject4 marks :%d",students[i].sub4);

printf("\nSubject5 marks :%d",students[i].sub5);

printf("\nTotal Marks :%d",students[i].sub1+students[i].sub2+students[i].sub3+students[i].sub4+students[i].sub5);

}

}

**Output:**



