**Pass the structures defined in Question 1 into a function and read the structure member and display the values from the function (use structure pointer).**

**#include<stdio.h>**

**#include<conio.h>**

**struct stdinf**

**{**

**int roll;**

**char name[20];**

**int age;**

**char add[50];**

**struct mark**

**{**

**float p,c,ma;**

**}m;**

**};**

**void display (struct stdinf\*);**

**int main()**

**{**

**int i;**

**struct stdinf st[3];**

**for(i=0;i<3;i++)**

**{**

**printf("\nEnter name: ");**

**scanf(" %[^\n]s",&st[i].name);**

**printf("Enter roll no: ");**

**scanf(" %d",&st[i].roll);**

**printf("Enter age: ");**

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

**printf("Enter address: ");**

**scanf(" %[^\n]s",&st[i].add);**

**printf("Enter marks in physics: ");**

**scanf(" %f",&st[i].m.p);**

**printf("Enter marks in C: ");**

**scanf(" %f",&st[i].m.c);**

**printf("Enter marks in maths: ");**

**scanf(" %f",&st[i].m.ma);**

**printf("\n");**

**}**

**display(&st);**

**getch();**

**return 0;**

**}**

**void display(struct stdinf \*t)**

**{**

**float av;**

**int i;**

**for(i=0;i<3;i++)**

**{**

**printf("\nName: %s",(t+i)->name);**

**printf("\nAddress: %s",(t+i)->add);**

**printf("\nAge: %d",(t+i)->age);**

**printf("\nRoll no: %d",(t+i)->roll);**

**av=((t+i)->m.ma+(t+i)->m.p+(t+i)->m.c)/3;**

**printf("\nAverage marks:\t%f",av);**

**printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");**

**}**

**}**