Faculty of Computer Science & Engineering

Assignment Number – 8

Name : Prajyot Chandrashekhar Bhamare. F.Y. B.Tech. Division 2 (B1)

Roll no.: 102032 PRN no.: 1032190054

#include<stdio.h>  
  
struct stud  
{  
 int rno;  
 char name[20];  
 int mks[3];  
}S1[];  
  
int input(int i , int j)  
{  
 printf("\nEnter marks for student %d subject %d:\n" , i , j);  
 scanf("%d" , &i);  
 return i;  
}  
  
float avg(int a , int b , int c)  
{  
 return (a+b+c)/3;  
}  
  
void display(int k)  
{  
 for(int i = 0 ; i < k ; i++)  
 printf("%d\t%s\t%d\t%d\t%d\t%f\n" , S1[i].rno , S1[i].name , S1[i].mks[0] , S1[i].mks[1] , S1[i].mks[2] , avg(S1[i].mks[0] , S1[i].mks[1] , S1[i].mks[2]));  
}  
  
void main()  
{  
 int k;  
 printf("\nEnter number of students\n");  
 scanf("%d" , &k);  
 S1[k];  
 int i , j;  
 for(i = 1 ; i <= k ; i++)  
 {  
 printf("\nEnter roll no of student %d\n" , i);  
 scanf("%d" , &S1[i-1].rno);  
 printf("\nEnter name of student %d\n" , i);  
 scanf("%s" , S1[i-1].name);  
 for(j = 1 ; j <= 3 ; j++)  
 {  
 S1[i-1].mks[j-1] = input(i,j);  
 }  
 }  
 display(k);  
}

Assignment 8 Output

Name : Prajyot Chandrashekhar Bhamare

Roll no.: 102032 PRN no.: 1032190054

Enter number of students

5

Enter roll no of student 1

250

Enter name of student 1

student1

Enter marks for student 1 subject 1:

50

Enter marks for student 1 subject 2:

60

Enter marks for student 1 subject 3:

70

Enter roll no of student 2

251

Enter name of student 2

student2

Enter marks for student 2 subject 1:

51

Enter marks for student 2 subject 2:

62

Enter marks for student 2 subject 3:

73

Enter roll no of student 3

252

Enter name of student 3

student3

Enter marks for student 3 subject 1:

54

Enter marks for student 3 subject 2:

65

Enter marks for student 3 subject 3:

76

Enter roll no of student 4

253

Enter name of student 4

student4

Enter marks for student 4 subject 1:

56

Enter marks for student 4 subject 2:

67

Enter marks for student 4 subject 3:

78

Enter roll no of student 5

254

Enter name of student 5

student5

Enter marks for student 5 subject 1:

59

Enter marks for student 5 subject 2:

58

Enter marks for student 5 subject 3:

67

250 student1 50 60 70 60.000000

251 student2 51 62 73 62.000000

252 student3 54 65 76 65.000000

253 student4 56 67 78 67.000000

254 student5 59 58 67 61.000000

