

2. Enter the marks of 5 students in Chemistry, Mathematics and Physics (each out of 100) using a structure named Marks having elements roll no., name, chem_marks, maths_marks and phy_marks and then display the percentage of each student.

Test Data

```
Enter Roll Number, Name, Chemistry, Math, Physics of 5 Students:

Student 1: 1 Parth 90 92 89
Student 2: 2 Mehak 92 94 86
Student 3: 3 Arpit 96 94 92
Student 4: 4 Karthik 92 95 90
Student 5: 5 Bhavya 90 89 92
```

Expected Output

Roll Number	Name	Chemistry	Math	Physics	Total	Percentage	Q
1	Parth	90	92	89	271	90.33%	
2	Mehak	92	94	86	272	90.67%	
3	Arpit	96	94	92	282	94.00%	
4	Karthik	92	95	90	277	92.33%	
5	Bhavya	90	89	92	271	90.33%	

Source Code

```
#include <stdio.h>

struct student{
   int roll;
   char name[30];
   int chem_marks, maths_marks, phy_marks;
};

void inputData(struct student students[], int length){
   int i;
```

```
printf("\nEnter Roll Number, Name, Chemistry, Math, Physics of 5 Students:\n");
    for(i = 0; i < length; i++){</pre>
       printf("\nStudent %d: ", i+1);
       scanf("%d%s%d%d%d", &students[i].roll, &students[i].name,
       &students[i].chem_marks, &students[i].maths_marks,
       &students[i].phy marks);
    }
}
void printData(struct student students[], int length){
   int i, total;
   float per;
   \label{thm:local_number_thm} $$  printf("\n\tRoll Number\tChemistry\tMath\t\tPhysics\t\tTotal\t\tPercentage\n" $$
   for(i = 0; i < length; i++){</pre>
       total = students[i].chem_marks + students[i].maths_marks + students[i].phy_marks;
       per = total / 300.0 * 100;
       students[i].chem_marks, students[i].maths_marks,
       students[i].phy_marks, total, per);
   }
}
int main(){
   struct student students[5];
   int length = 5;
   inputData(students, length);
    printData(students, length);
   return 0;
}
```

Hi 🤏, I'm Rajiv Kumar

A passionate frontend developer from India

Connect with me:





