LAB - 1

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I Write a program to accept 3 marks and roll, name using structure
    and find sum average and coppa by using sum(), any & coppa()
    function.
    #include < stdio.h>
    struct student
      int vollno, tot:
      charname[25];
      int mark[5];
    };
    void main()
      struct student s[5];
      inti, n, ji
      printf("Enter the number of students:");
      scanf("%d", &n);
      printf("\t*Students Records*\n");
      for (i = 0; i < n; i+1)
        printf("\nEnter Student Roll Number: ");
        scanf('%d', &s[i].vollno);
        printf("\nEnter Student name:");
        scanf("%s", s[i]name);
        printf("\nEnter Student 3 subject's marks, Total marks 50:");
        for (j = 0; j < 3; j++)
           scanf("%d", &s[i].mark[j]);
       for (i = 0; i < n; i++)
        s[i].tot = 0;
         for (j = 0; j < 3; j++)
           \epsilon[i].tot = \epsilon[i].tot + \epsilon[i].mark[j];
      for (i = 0; i < n; i + e)
        printf("\t*Students Records*\n");
        printf("\nStudent's Roll no.: %d", s[i].vollno);
        printf("\nStudent's Name: %s", s[i].name);
        printf("\nStudent's Total Marks: %d", s[i].tot);
        printf("\nStudent's Average Marks: %d", s[i].tot / 3);
        printf("\nStudent's CGPA: %d", &[i].tot/15);
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92. WAP to display third highest marks of entered students.
    #include < stdio.h>
    #include < stdlib.h>
    struct student
      int voll_no, marks;
      charname[25];
    } stud[100], t;
    void main()
      inti, j, n;
      printf("No of students:\n");
      scanf("%d", &n);
      printf("Enter students voll no, name and marks:\n");
      for (i = 0; i < n; i \neq 1)
         scanf("%d %s %d", &stud[i].voll_no, stud[i].name, &stud[i].marks);
       for (i = 0; i < n; i + e)
         for (j = 0; j < N - 1; j + 1)
           if (stud[j]marks < stud[j+1]marks)
             t = stud[j];
             stud(j) = stud(j + 1);
             stud[j+1]=t;
      printf("\nSorted:\n");
      printf("---
       (44) in > i = 0) ro}
```

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printf('Roll No: %d\t\t\t Name: %&\t\t\t Marke %d
    \n", & tud[i]. voll_no, & tud[i].name, & tud[i].marks);
      printf("--
      printf("\n Third Highest Marks: \n");
      printf("Roll No: %d\t\t\t Name: %&\t\t\t Marks %d
    \n", stud[2].voll_no, stud[2].name, stud[2]marks);
    No of students:
    Enter students roll_no , name and marks:
    1 Anupam 99
    2 Moharana 98
    3 Franklin 100
    4 Trevor 89
    Sorted:
    Roll No: 3
                                     Name: Franklin
                                                                     Marks100
    Roll No: 1
                                     Name: Anupam
                                                                     Marks99
    Roll No: 2
                                     Name: Moharana
                                                                     Marks98
    Roll No: 4
                                     Name: Trevor
                                                                     Marks89
     Third Highest Marks:
    Roll No: 2
                                     Name: Moharana
                                                                     Marks98
03. WAP to create EMP having eno., ename, ebasic_sal, and display
    gross which is calculated DA= 10% of Basic, HRA =15% of basic &
    TA = 8% of basic.
    #include < stdio.h>
    #include < stdlib.h>
    typedef struct?
      charname[30];
      intid;
      intealary
      float gealary;
    3 Employees
    int main()
      int i, n=2;
      Employee employees[n];
      printf("Enter %d Employee Details \n \n",n);
      for(i=0; i<n; i++){
        printf("Employee %d:-\n",i+1);
        //Name
        printf("Name:");
        scanf("%s",employees(i).name);
        //ID
        printf("Id:");
        scanf("%d", Lemployees [i].id);
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```
//Salary
  printf("Salary:");
   scanf("%d", Lemployees (i) salary);
   employees[i]gsalary = employees[i]salary * (0.1 + 0.15 + 0.18 + 1);
   printf("\n");
 //Displaying Employee details
 printf("-----\n");
 for(i=0; i<n; i++){
   printf("Name \t:");
   printf("% \n", employees (i]. name);
   printf("Id \t:");
   printf("%d \n",employees[i].id);
   printf("Salary \t:");
   printf("%d \n", employees(i), salary);
   printf("Net Salary with DA: 10, HRA: 15, TA = 18 \t:");
   printf("%0.21f\n", employees[i].gsalary);
  printf("\n");
 return O;
Enter 2 Employee Details
Employee 1:-
Name: Anupam
Id: 1
Salary: 10000
Employee 2:-
Name: Moharana
Id: 2
Salary: 15000
----- All Employees Details ------
Name : Anupam
Id
Salary : 10000
Net Salary with DA : 10, HRA : 15, TA = 18 : 14300.00
        : Moharana
Name
Id
        : 2
Salary : 15000
Net Salary with DA: 10, HRA: 15, TA = 18
                                                : 21450.00
```