

C PROGRAMMING ASSIGNMENT: 20

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SUBMITTED BY: -

NAME: MUKTESH MISHRA

BRANCH: CSE

SECTION: B22

ROLL NO.: 21052258

Question:

Define a structure of employee having data members name, address, age and salary. Take data for n employee in an array and find the average salary.



Code:

```
#include <stdio.h>
#include <string.h>

struct employee
{
    char name[80];
    int age;
    char address[1000];
    int salary[80];
};

int main(int argc, char const *argv[])
{
    char nm[80];
    int n, sal[100], ts = 0;
    struct employee i;
    printf("Enter the no of employees");
    scanf("%d", &n);
    for (int a = 0; a < n; a++)
    {
        printf("Enter the name of employee\n");
        scanf("%s", i.name);
        printf("Enter the age\n");
        scanf("%d", &i.age);
        printf("Enter the address\n");
        scanf("%s", i.address);
        printf("Enter the salary\n");
        scanf("%d", &i.salary[a]);
        ts+=i.salary[a];
        printf("\n\nEmployee no %d:\nName:%s\nAge:%d\nAdress:%s\nsalary:%d\n\n",a+1, i.name,
i.age, i.address, i.salary[a]);

    }

    printf("Average Salary=%d\n", (ts/n));
    return 0;
}
```

Output:

```
Enter the no of employees2
Enter the name of employee
Som
Enter the age
18
Enter the address
Berhampur
Enter the salary
100000
```

```
Employee no 1:
Name:Som
Age:18
Adress:Berhampur
salary:100000
```

```
Enter the name of employee
Muktesh
Enter the age
19
Enter the address
Bhubaneshwar
Enter the salary
500000
```

```
Employee no 2:
Name:Muktesh
Age:19
Adress:Bhubaneshwar
salary:500000
```

```
Average Salary=300000
```

```
PS C:\Users\KIIT\OneDrive\Desktop\C programming\lab\14jan_lab20> █
```