

C main.c M X

C main.c > ...

```

1  #include <stdio.h>
2
3  #define MAX 100
4
5  struct Employee {
6      char name[50];
7      float basicPay;
8      float grossSalary;
9  };
10
11 float computeGross(float basicPay) {
12     float DA = 0.52 * basicPay;
13     return basicPay + DA;
14 }
15
16 int main() {
17     struct Employee emp[MAX];
18     int i, n;
19
20     printf("Enter number of employees (up to 100): ");
21     scanf("%d", &n);
22
23     for (i = 0; i < n; i++) {
24         printf("\nEnter name of employee %d: ", i + 1);
25         scanf("%s", emp[i].name);
26         printf("Enter basic pay of %s: ", emp[i].name);
27         scanf("%f", &emp[i].basicPay);
    
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Enter number of employees (up to 100): 2

Enter name of employee 1: abhay
Enter basic pay of abhay: 70000

Enter name of employee 2: gullu
Enter basic pay of gullu: 50000

Employee Name	Gross Salary
abhay	106400.00
gullu	76000.00

abhay 106400.00

gullu 76000.00

abhaygupta@192 main.c %

Ln 10, Col 1 Spaces: 4

> OUTLINE

> TIMELINE

main*+ 0 0 0



Exp. No. _____

Experiment. 7.2

```
#include <stdio.h>
#define EMP_COUNT 100

struct Employee {
    char name[50];
    float basicPay;
    float da;
    float grossSalary;
};
```

```
int main() {
```

```
    struct Employee emp[EMP_COUNT];
```

```
    int i;
```

```
    printf("Enter details of %d employees:\n", EMP_COUNT);
```

```
    for (i = 0; i < EMP_COUNT; i++) {
```

```
        printf("\nEnter name of employee %d:", i+1);
```

```
        scanf("%s", &emp[i].name);
```

```
        emp[i].da = 0.52 * emp[i].basicPay;
```

```
        emp[i].grossSalary = emp[i].basicPay + emp[i].da;
```

```
    }
    printf("Employee Name | + | + Gross Salary\n");
```

```
    for (i = 0; i < EMP_COUNT; i++) {
```

```
        printf("%-20s | + | + %.2f\n", emp[i].name, emp[i].grossSalary);
```

```
    }
```

```
    return 0;
```

```
}
```

Teacher's Signature _____