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main.c

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```
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: 70000Enter name of employee 2: gullu  
Enter basic pay of gullu: 50000

Employee Name	Gross Salary
abhay	106400.00
gullu	76000.00

Ln 10, Col 1 Spaces: 4



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## 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("In Enter name of employee %d:", i + 1);
        scanf("%f", &emp[i].basicPay);
```

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

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

```
}
```

```
    printf("Employee Name %d %f\n", emp[i].name, emp[i].grossSalary);
```

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

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

```
}
```

```
return 0;
```

Teacher's Signature \_\_\_\_\_