```c
//project
/*  Employee Payroll System:
Program: Storing employee data (ID,
    name, salary, deductions) in
    arrays.
Applications: Calculating salaries,
    managing deductions, generating
    pay stubs.  */
#include <stdio.h>
int main()
{
    int i;
    int id[2];  // store IDs of 2
        employees (integers)
    char name[2][25];
        // store 2 names, each max
        24 chars + '\0'
    float salary[2];// store 2
        salary values (can have
        decimals)
    float deduction[2];
```

```c
                  // store 2 deduction values
                  (amounts to subtract)
13    float netsalary[2];
                  // store calculated net
                  salary = salary - deduction
14
15    printf("Enter details of 2
              employees:\n\n");
16
17    // Input loop: runs for 2
          employees (i = 0 and i = 1)
18    for(i = 0; i < 2; i++)
19    {
20        printf("Enter details for
                  Employee %d:\n", i + 1
                  ); // i+1 to show human
                  -friendly number
21
22        // Read integer ID
23        printf("Enter ID: "
24        scanf("%d", &id[i]);
```
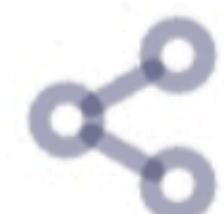
```c
        printf("Enter Name: ");
        scanf("%s", name[i]);
        printf("Enter Salary: ");
        scanf("%f", &salary[i]);
        printf("Enter Deduction:");
        scanf("%f", &deduction[i]);
        // Calculate net salary
        netsalary[i] = salary[i] -
            deduction[i];
        printf("\n");
    }
    // Display stored data
    printf("\n Employee Payroll
        Report \n");
    for(i = 0; i < 2; i++)
    {
```

```c
        printf("\nEmployee %d:\n",
            i + 1);
        printf("ID            : %d\n"
            , id[i]);
        printf("Name          : %s\n"
            , name[i]);
        printf("Salary        : %
            .2f\n", salary[i]);
        printf("Deduction   : %
            .2f\n", deduction[i]);
        printf("Net Salary  : %
            .2f\n", netsalary[i]);
    }
    return 0;
}
```

Enter details of 2 employees:

Enter details for Employee 1:
Enter ID: 101
Enter Name: sameera
Enter Salary: 300000
Enter Deduction:2000

Enter details for Employee 2:
Enter ID: 102
Enter Name: Ayesha
Enter Salary: 300000
Enter Deduction:3000

```
 Employee Payroll Report

Employee 1:
ID          : 101
Name        : sameera
Salary      : 300000.00
Deduction   : 2000.00
Net Salary  : 298000.00

Employee 2:
ID          : 102
Name        : Ayesha
Salary      : 300000.00
Deduction   : 3000.00
Net Salary  : 297000.00
```

=== Code Execution Successful ===