

1. Write a program to generate the pay slip report for the employees working in a organization. An Employee salary constitutes Basic salary, House Rent Allowance (HRA) and Dearness Allowance (DA). HRA is 12% of basic salary and DA is 18% of basic salary. Calculate the net salary as Basic+HRA+DA. Print the Net Salary along with Employee ID.

Input data:

Emp. ID, Basic salary

Output:

Net salary

Aim: Calculate Net Salary of the employee

Procedure:

Step 1: Declare variables, basic_salary, HRA, DA, net_salary, employee_id

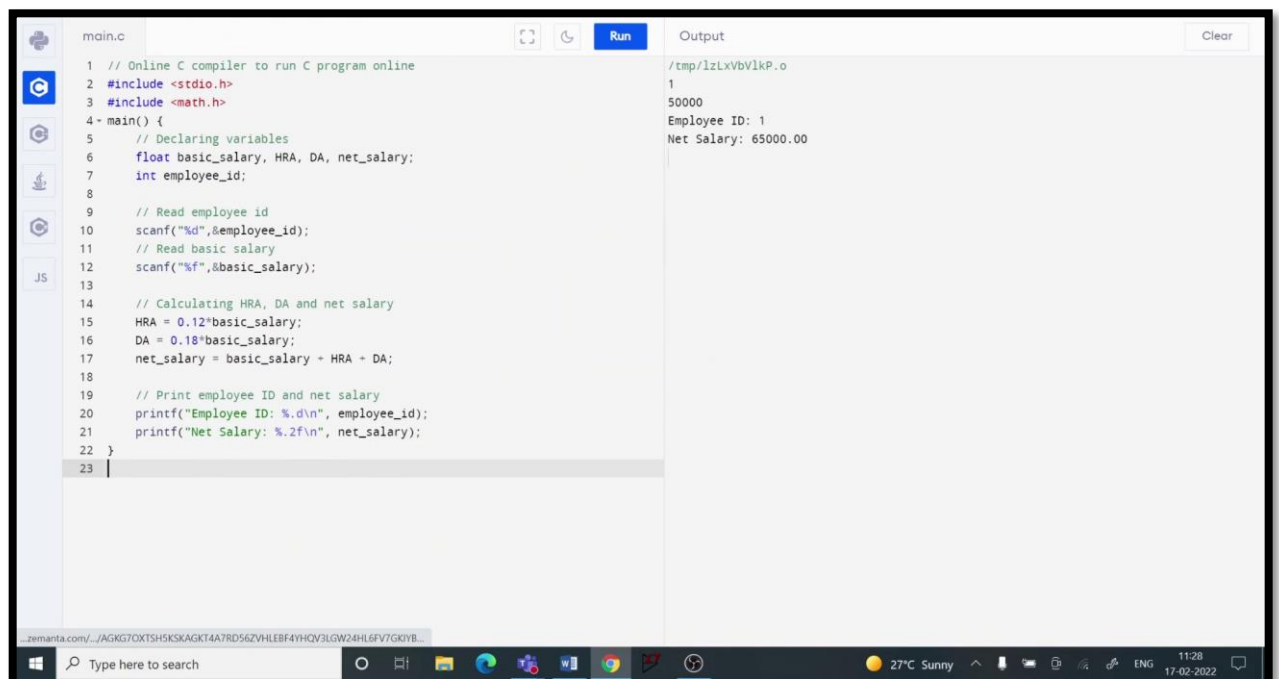
Step 2: Read Employee ID and Basic Salary from user input

Step 3: Calculate HRA, $HRA = 12\%$ of Basic Salary

Step 4: Calculate DA, $DA = 18\%$ of Basic Salary

Step 5: Calculate Net Salary, $Net\ Salary = Basic\ Salary + HRA + DA$

Step 6: Print Employee ID and Net Salary

Code:

```
main.c
1 // Online C compiler to run C program online
2 #include <stdio.h>
3 #include <math.h>
4 int main() {
5     // Declaring variables
6     float basic_salary, HRA, DA, net_salary;
7     int employee_id;
8
9     // Read employee id
10    scanf("%d",&employee_id);
11    // Read basic salary
12    scanf("%f",&basic_salary);
13
14    // Calculating HRA, DA and net salary
15    HRA = 0.12*basic_salary;
16    DA = 0.18*basic_salary;
17    net_salary = basic_salary + HRA + DA;
18
19    // Print employee ID and net salary
20    printf("Employee ID: %d\n", employee_id);
21    printf("Net Salary: %.2f\n", net_salary);
22 }
23
```

Output

```
/tmp/lzLxVbVlkP.o
1
50000
Employee ID: 1
Net Salary: 65000.00
```

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