

| | | | | | |
|---|---------|----------------|----------------------|---------|-------------|
| C | Session | Input & Output | Question Information | Level 2 | Challenge 7 |
|---|---------|----------------|----------------------|---------|-------------|

Problem Description:

Athika and Ritu got a nice job at a MNC company .

She was confused with the salary credited in her account.

To verify if the correct amount of HRA and DA was provided to them Ritu and Athika planned to develop a software that calculates the salary pay if the basic pay was provided.

The Salary policy of Athika and Ritu's Company is as follows:

HRA is 80% of the basic pay and

DA is 40% of basic pay

Can you help Ritu and Athika in the software development?

Constraints:

$20000 \leq \text{basic} \leq 75000$

Input Format:

Single Integer representing the basic pay of the employee.

Output Format:

Print the Gross salary of employee by adding the certain amount of HRA and DA to the basic pay.

Logical Test Cases

| | |
|-----------------|-----------------|
| Test Case 1 | Test Case 2 |
| INPUT (STDIN) | INPUT (STDIN) |
| 25462 | 37135 |
| EXPECTED OUTPUT | EXPECTED OUTPUT |
| 56016.40 | 81697.00 |

Mandatory Test Cases

| | | |
|------------------|-------------|-------------|
| Test Case 1 | Test Case 2 | Test Case 3 |
| KEYWORD | KEYWORD | KEYWORD |
| float basic,sal; | printf | scanf |

▼ Complexity Test Cases

Test Case 1

CYCLOMATIC COMPLEXITY

1

Test Case 2

TOKEN COUNT

55

Test Case 3

NLOC

10

CODE:

```
//CH.SC.U4CSE24022
#include <stdio.h>
int main() {
    float basic,hra,da,sal;
    scanf("%f",&basic);
    hra = 0.80 * basic;
    da = 0.40 * basic;
    sal = basic + hra + da;
    printf("%.2f",sal);
    return 1;
}
```

OUTPUT:

25462

56016.40

Process returned 1 (0x1) execution time : 2.599 s

Press any key to continue.

37135

81697.00

Process returned 1 (0x1) execution time : 4.059 s

Press any key to continue.