

C	Session	Input & Output	Question Information	Level 2	Challenge 7
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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.U4CSE24015
#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.