GE23131-Programming Using C-2024

Quiz navigation

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Finish review

Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Friday, 25 October 2024, 9:31 AM
Duration	59 days 8 hours

Question 1

Correct

Marked out of 1.00

⚑ Flag question

Write a C Program to calculates the area (floating point number with two decimal places) of a

Circle given it's radius (integer value). The value of Pi is 3.14.

Sample Test Cases

Test Case 1

Input

7

Output

Area of a circle = 153.86

Test Case 2

Input

50

Output

Area of a circle = 7850.00

Test Case 3

Input

42

Output

Area of a circle = 5538.96

For example:

Input	Result
7	Area of a circle = 153.86
50	Area of a circle = 7850.00

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main() {
    int i;
    float a, pi=3.14;
    scanf("%d",&i);
    a=pi*i*i;
    printf("Area of a circle = %.2f",a);
    return 0;
}
```

	Input	Expected	Got	
✓	7	Area of a circle = 153.86	Area of a circle = 153.86	✓
✓	50	Area of a circle = 7850.00	Area of a circle = 7850.00	✓

Passed all tests! ✓

Finish review