1. Madhu is an architect, who is creating plan for a garden. After calculating the area she got the answer in float. She wants to convert that number into the whole number directly. Help her to do so.

   Input

   The input contains the area in the float format

   Output

   the area in the int format

   Example Input

   4569.65

   Output

   4569

2. Arithmetic operations:
   Grandma bought **N** number of mangoes. She has an **X** number of grandchildren. She distributed the mangoes equally amongst them without cutting them. Find out how many mangoes does each grandchild receive and how many are remaining.

   Input

   The first line of input has the total number of mangoes, **N**. The second line of input is the total number of grandchildren, **X**.

   Output

   How many mangoes does each grandchild receive and how many are remaining.

   Example Input

   13

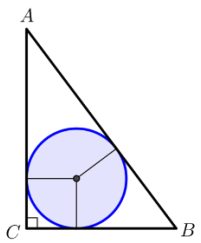
   5

   Output

   2

   3

3. You are given a right-angle triangle ABC. A circle of radius r is removed from the triangle. Find out the remaining area of triangle.
   Hint: Area of triangle (ABC) = 0.5 x AC x BC
   Arear of circle = 3.14 x r ** 2



Input
First line of input contains space separated values of sides AC and BC respectively
Second line of input has value of radius r click
Output
Area of triangle ABC after removing the circle from it.
Example Input
8 6
2
Output
11.44

4. A mother said to her daughter, "I was as old as you are at the present at the time of your birth". If the mother's age is X years now, and daughter's current age is Y. Find out that mother is telling the truth.
Hint: Use relationship as: X = 2 Y
Input
First line of input has age of the mother
Second line of input has age of the daughter
Output
True or False
Example Input
38
19
Output
True

5. An **XYZ** hospital has organised a blood donation camp. The eligibility criteria for donor was as follows
1) Age>=18
2) Weight >=50 kg
3) No disease
Rakesh went for the blood donation. He filled out the form and submitted it to the nurse.
Check whether Rakesh will be allowed or not.
Input
First line of input is age in float
Second line of input is weight in float
Third line of input is 1 or 0
1 is for True and 0 is for False
Output
If all the condition in the eligibility are satisfied then allowed to donate.
Example Input 1
19.5
52.6
1
Output 1
True
Input 2
51.6
68
0
Output 2

False

6. An eagle was flying over a plain field searching for a snake. Check whether snake is on the field or not.
   Input
   A single line of the space separated string
   Output
   True or False
   Example Input1
   Snake is on the field
   Output 1
   True
   Input2
   cat is on the field
   Output 2
   False

7. Shekhar is an artist. He likes to draw and paint. He is now drawing a portrait of a city road which is in the black color and white strips on it. Check whether both of these colors are present in the color palate.
   Input
   Space separated string of color names
   Output
   True or False
   Example Input
   green blue white black pink
   Output
   True
   Input
   green blue black pink
   Output
   False

8. Create a program that takes user input for their name and age and prints a personalized greeting.

9. Write a Python program that:
   1. Asks the user for their name.
   2. Asks for marks in Math, Science, and English using input () and convert them to floating-point numbers.
   3. Calculates the total marks.
   4. Calculates the percentage (assuming 100 marks per subject).
   5. Prints the student's name, individual marks, total marks, and percentage.

10. Write a script that swaps the values of two variables using a temporary variable.

11. Create a program that calculates the area of a circle from user-provided radius.