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package labs.lab1.pro4;

import java.util.Scanner;

public class Lab1_Pro4_64010009 {

    public static void main(String[] args) {

        final double KILO_PER_POUND = 0.45359237;
        final double INCH_PER_METER = 0.0254;

        Scanner scanner = new Scanner(System.in);

        double weight, height, bmi;

        System.out.print("Enter weight in pounds: ");
        weight = scanner.nextDouble();

        System.out.print("Enter height in inches: ");
        height = scanner.nextDouble();
        scanner.close();

        if (weight > 0 && height > 0) {

            weight *= KILO_PER_POUND;
            height *= INCH_PER_METER;
            bmi = weight / (height * height);

            System.out.println("classes.BMI is " + bmi);

        } else System.out.println("ERROR: inputs cannot be less than zero");
    }
}
```