

8. Write a Java program that reads a number in inches and converts it to meters.

Note: One inch is 0.0254 meter.

Test Data

Input a value for inch: 1000

Expected Output :

1000.0 inch is 25.4 meters

```
import java.util.Scanner;
public class Exercise8 {
    double inch, meter;
    public static void main(String[] args) {
        System.out.println("inches converts to meters");
        Scanner scnr = new Scanner(System.in);

        System.out.println("Input a value for inch:");
        double inch = scnr.nextDouble();

        double meter = 0.0254*inch;
        System.out.println(inch + " " + "inch is" + " " + meter + " " + "meters");
    }
}
```