Write a program to find the square root of a perfect square number(print both the positive and negative values)

CODE:

import java.util.Scanner;

public class PerfectSquareRoot {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a perfect square number: ");

int number = scanner.nextInt();

scanner.close();

double squareRootPositive = Math.sqrt(number);

double squareRootNegative = -Math.sqrt(number);

if (number < 0 || Math.floor(squareRootPositive) != squareRootPositive) {

System.out.println("The number entered is not a perfect square.");

} else {

System.out.println("Square root (positive value): " + squareRootPositive);

System.out.println("Square root (negative value): " + squareRootNegative);

}

}

}

OUTPUT:

C:\javap>javac PerfectSquareRoot.java

C:\javap>java PerfectSquareRoot

Enter a perfect square number: 19

The number entered is not a perfect square.

