Java – Perfect Square

Purpose

This lab was designed to teach you how to use an algorithm called bisection search.

Description

Given a positive integer n, return in logarithmic time whether n is a perfect square. You may not use Math.sqrt(x) or a similar library function. Hint: just run the standard binary search algorithm.

```java
// returns true if n is a perfect square and false otherwise
public static boolean isPerfect(int n) {

}
```

Program Shell

PerfectSquare.java has been provided for you.

Sample Execution

```
Code passes :)
```