Assignment 3: Control Flow

Write a Java program that reads an integer and prints whether it is a prime number using a for loop and if statements.

package com.company.wiproPracticeQuestion;  
import java.util.Scanner;  
public class FindPrimeNo {  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
 System.*out*.println("Enter a number \n");  
 int num = sc.nextInt();  
  
 boolean value = false;  
 for (int i = 2; i < num/2; i++) {  
 if (num % i == 0) {  
 value = true;  
 break;  
 }  
  
 }  
 if (!value)  
 System.*out*.println(num + " is a prime number.");  
 else  
 System.*out*.println(num + " is not a prime number.");  
  
  
 }  
}