```
import java.util.*;
public class primenumber{
                      public static void main(String[] args) {
                                           Scanner s= new Scanner(System.in);
                                           System.out.print("Enter a number: ");
                                           int num = s.nextInt();
                                           boolean flag = false;
                                           for (int i = 2; i \le num / 2; ++i) {
                                                                if (num % i == 0) {
                                                                                     flag = true;
                                                                                     break;
                                                                 }
                                            }
                                           if (!flag)
                                                                 System.out.println(num + " is a prime number.");
                                           else
                                                                 System.out.println(num + " is not a prime number.");
                      }
                                                                                                                                                                                                                                                                                                                                                                    □ □ □ □ □ −
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                                                                                                                       boolean flag = false;
for (int i = 2; i <= num / 2; ++i) {
    // condition for nonprime number
    if (num % i == 0) {
        flag = true;
        break;
                                                                                         Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
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26 is Noter's Nomani Desktop Njava (Day-1) best (Signa) best
                                                                                         7faf7\bin | primenumuser
Enter a number: 13
13 is a prime number.
ps C:\Users\heman\Desktop\java\Day-1> [
```