```
Program:
import java.util.HashSet;
import java.util.Scanner;
import java.util.Set;
public class Main {
  static String getPrimeFactors(long number){
    Set<Integer> setPrimeFactors = new HashSet<>();
    for (int i = 2; i<= number; i++) {
      if (number % i == 0) {
        setPrimeFactors.add(i);
        number = number/ i;
        i--;
      }
    }
    return setPrimeFactors.toString();
  }
  public static void main(String[] args) {
    boolean isPrime = true;
    int temp;
    Scanner sc = new Scanner(System.in);
    System.out.print("Enter any Number : ");
    int number = sc.nextInt();
```

```
for(int i=2;i<=number/2;i++) {
    temp = number % i;
    if (temp == 0) {
        isPrime = false;
        break;
    }
}
if(isPrime)
System.out.println(number + " is a prime number");
else
System.out.println("Prime Factors of "+number+" is : "+getPrimeFactors(number));
}</pre>
```

Output:

```
Compart/Serribvasan Klositop/Lara/Man,par - Notepad--

Tel Edd Search | New Egoding Larguage Settings | Rob | Marco | Rob | Pugina Mindow |

| Setting | Set
```

```
| College | Coll
```

