

```
1 import java.util.Scanner;
2 class PrimeNumber//the number which is divisible by 1 and itself//
3 {
4     public static void main(String args[])
5     {
6         Scanner s=new Scanner(System.in);
7         System.out.println("Enter the number:");
8         int x=s.nextInt();
9         int count=0;
10        for(int i=1;i<=x;i++)
11        {
12            if(x%i==0)
13                count++;
14        }
15        if(count==2)
16            System.out.println("prime number");
17        else
18            System.out.println("Not a prime number");
19    }
20 }
```