```java
import java.util.Scanner;

public class PrimeNumber {

public static void main(String[] args) {
    System.out.println("Enter a  number ");
      Scanner sc=new Scanner(System.in);
      int n=sc.nextInt();//this is all process to get input from user
      primeCal(n);//method call
      }
   static void primeCal(int num)//static method with one parameter
   {
      int count=0;//local variable to count how many time number is divisible
      for(int i=1;i<=num;i++)//loop iterates till n time
      {
         if(num%i==0)//checking number is divisible or not
         {
              count++;//if num is divisible then count incremented by 1

         }
      }
      if(count==2)//if it become true then executes if block otherwise else block
            System.out.println("A prime number ");

      else  System.out.println("Not a prime number ");
   }
}
```