

Solution Code

```
import java.util.Scanner;

public class JavaProgram {

    public static void main(String[] args) {

        int n,i=2;
        Scanner sc = new Scanner(System.in);
        System.out.println("Please Enter any No. : ");
        n=sc.nextInt();

        while(true)
        {
            if(n==1)
            {
                System.out.println("Smallest Prime number is 2");
                break;
            }
            if(n%i==0)
            {
                break;
            }
            else
            {
                i++;
            }
        }
    }
}
```

Solution Code

```
}  
}  
if(n==i)  
{  
    System.out.println("Prime No.");  
}  
else  
{  
    System.out.println("Not Prime No.");  
}  
}  
  
}
```