

```
<!-- example on Control Statements -->

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8">

    <title>JS</title>

  </head>

  <body>

    <h3>example on checking prime number</h3>

    <label>Enter number</label>

    <input type="text" id="num" placeholder="only +ve integer"/>

    <button onclick="checkPrime()">Check Prime</button>

    <br>

    <output id="res"></output>

    <script>

      function checkPrime()

      {

        let n,i,count=0; //local vars

        n = +num.value;

        for(i=1; i<=n; i++) {

          if(n%i===0) //finding factors

            count++;

        }

        if(count===2)
```

```
        res.value=`Prime Number`;

    else

        res.value='Not a Prime';

    }

</script>

</body>

</html>
```