```
6:31 PM 🗸 👄 🚹
                                          ¥8 5G+ 11 19 1
       D18 prime
                  CSS
                                 JS
   HTML
                                            OUTPUT
       Himanshu Patil
                                                  web
  H
       just now • 0 views
                                         A PRIVATE
                          0
   <!DOCTYPE html>
   <html>
   <head>
   <title>Prime Number Checker</title>
   </head>
   <body>
   <h2>Check Prime Number</h2>
   <input type="number" id="numInput"</pre>
   placeholder="Enter a number">
   <button onclick="checkPrime()">Check</button>
   10
   <script>
12
  |function checkPrime() {
13
  let
   num=parseInt(document.getElementById("numInput").
   value);
  let isPrime = true;
  | if (num <= 1) { { }
16
  isPrime = false;
  |} else {
  for (let i=2; i < num; i++) {
  | if (num \% i === 0) {
19
  isPrime = false;
20
   break;
21
22
23
  | }
24
25
  |if (isPrime) {
   document.getElementById("result").innerText = num
   + "is a prime number.";
   } else {
27
   document.getElementById("result").innerText = num
   + "is not a prime number.";
29
31
   </script>
32
   </body>
33
   </html>
                                               RUN >
                       1
 TAB
         <
```



## **Check Prime Number**

Enter a number	Check
----------------	-------





## **Table**

15 x 1=15

15 x 2=30

15 x 3=45

15 x 4=60

15 x 5=75

15 x 6=90

15 x 7=105

15 x 8=120

15 x 9=135

15 x 10=150

JS

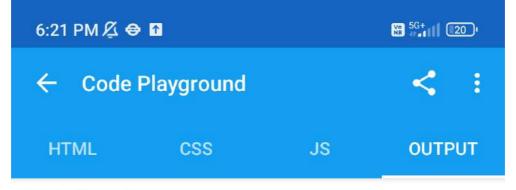
OUTPUT

CSS

HTML

```
<!DOCTYPE html>
   <html>
  <head>
     <title>Page Title</title>
5 </head>
  <body>
  <script>
8 \mid \text{num} = -16;
  if (num > 0)
  document.write(num+" is Positive ");
12
  else
  document.write(num+ " is Negative ");
   </script>
  </body>
  </html>
```

<



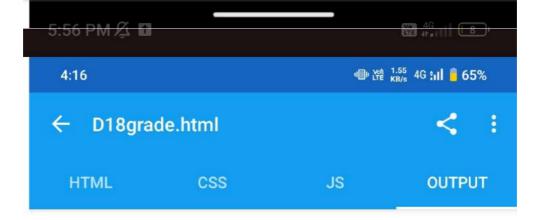
-16 is Negative

#### ← Code Playground

<

HTML CSS JS OUTPUT

```
<!DOCTYPE html>
   <html>
  <head>
   <title>Grade Checker</title>
  </head>
   <body>
   <h2>Enter Your Percentage</h2>
  <input type="number" id="percentage Input"</pre>
  |placeholder="Enter percentage">
   <button onclick="checkGrade()">Check Grade
   </button>
  |
12
  <script>
   function checkGrade() {
  |let percentage =
  parseFloat(document.getElementById("percentage")
   Input").value );
  if (percentage >= 90) {
  grade = "A+";
20 |} else if (percentage >= 80) {
  grade = "A";
21
22
  |} else if (percentage >= 70) {
  |grade = "B";
23
24
  |} else if (percentage >= 60) {
  grade = "C";
25
26
   }else if (percentage >= 50) {
27
  grade = "D";
  } else {
28
  grade ="Fail";
29
       document.getElementById("result").innerText =
   "Your grade is: " + grade;
31
32
      </script>
      </body>
33
34
      </html>
35
36
37
```



# **Enter Your Percentage**

85 Check Grade

Your grade is: A

## ← Code Playground

<

HTML

CSS

JS

**OUTPUT** 

```
<!DOCTYPE html>
   <html>
   <head>
   <title>Page Title</title>
   </head>
   <body>
   <script>
   function checkLeapYear()
   const year = prompt('Enter a year:');
12
   //conditions to find out the leap year
   if ((year % 4 == 0) && (year % 100 != 0) || (year)
   % 400== 0)) {
  document.write(year+ 'is a leap year');
17
18
   } else
20
21
   document.write(year + 'is not a leap year');
22
23
   }
24
25
26
   checkLeapYear();
27
   </script>
28
   </body>
    </html>
29
```



28is a leap year



