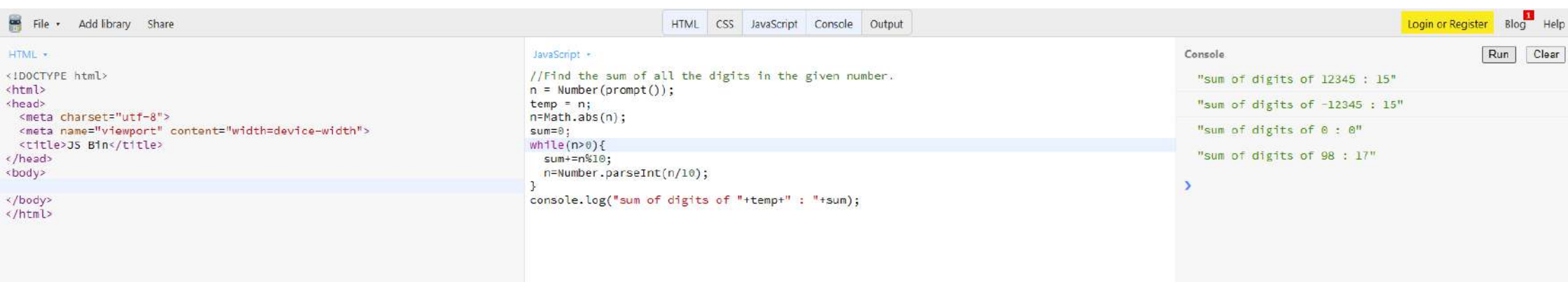


## 11. Find the sum of all the digits in the given number.




The screenshot shows a web development environment with three main panels: HTML, JavaScript, and Console. The HTML panel contains a basic HTML5 boilerplate. The JavaScript panel contains a script to calculate the sum of digits of a number. The Console panel shows the output of the script for four different inputs.

```
HTML
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JS Bin</title>
</head>
<body>
</body>
</html>
```


```
JavaScript
//Find the sum of all the digits in the given number.
n = Number(prompt());
temp = n;
n=Math.abs(n);
sum=0;
while(n>0){
  sum+=n%10;
  n=Number.parseInt(n/10);
}
console.log("sum of digits of "+temp+" : "+sum);
```

```
Console
"sum of digits of 12345 : 15"
"sum of digits of -12345 : 15"
"sum of digits of 0 : 0"
"sum of digits of 98 : 17"
```

## 12.Reverse the given number.

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HTML ▾ CSS JavaScript Console Output

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HTML ▾

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JS Bin</title>
</head>
<body>
</body>
</html>
```

JavaScript ▾

```
//Reverse the given number.
n = Number(prompt());
temp = n;
n=Math.abs(n);
rev=0;
while(n>0){
  rev=rev*10+n%10;
  n=Number.parseInt(n/10);
}
console.log("reverse of "+temp+" : "+(temp>=0?rev:(rev*-1)));
```

Console Run Clear

```
"reverse of 789 : 987"

"reverse of -9873 : -3789"
```

## 13. Check whether the given number is palindrome or not.

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HTMLCSSJavaScriptConsoleOutput

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HTML

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JS Bin</title>
</head>
<body>
</body>
</html>
```

JavaScript

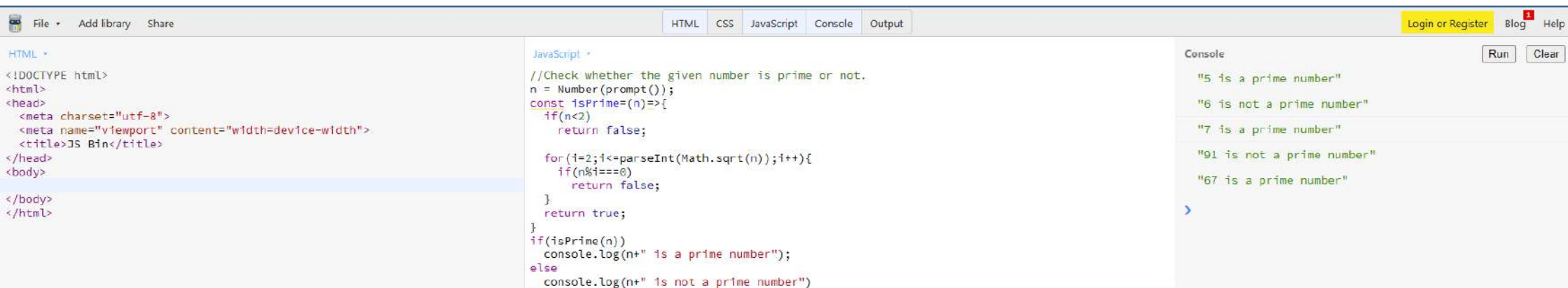
```
//Check whether the given number is palindrome or not.
n = Number(prompt());
const isPal=(n)=>{
  if(n<0|| (n%10===0&& n!==0))
    return false;
  rev=0;
  while(n>rev){
    rev=rev*10+n%10;
    n=Number.parseInt(n/10);
  }
  return n===rev||n===Number.parseInt(rev/10);
}
if(isPal(n))
  console.log(n+" is a palindrome");
else
  console.log(n+" is not a palindrome")
```

Console

RunClear

```
"121 is a palindrome"
"-121 is not a palindrome"
"100 is not a palindrome"
"987 is not a palindrome"
>
```

## 14. Check whether the given number is prime or not.



The screenshot shows a web development environment with three main panels: HTML, JavaScript, and Console. The HTML panel contains a basic HTML structure. The JavaScript panel contains a function to check if a number is prime. The Console panel shows the output of the JavaScript code for the numbers 5, 6, 7, 91, and 67.

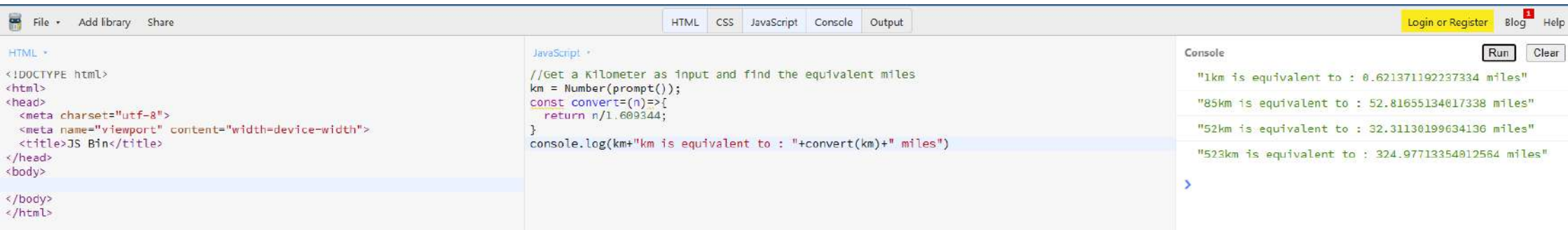
```
HTML
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JS Bin</title>
</head>
<body>
</body>
</html>
```

```
JavaScript
//Check whether the given number is prime or not.
n = Number(prompt());
const isPrime=(n)=>{
  if(n<2)
    return false;

  for(i=2;i<=parseInt(Math.sqrt(n));i++){
    if(n%i===0)
      return false;
  }
  return true;
}
if(isPrime(n))
  console.log(n+" is a prime number");
else
  console.log(n+" is not a prime number")
```

```
Console
"5 is a prime number"
"6 is not a prime number"
"7 is a prime number"
"91 is not a prime number"
"67 is a prime number"
>
```

## 15. Get a Kilometer as input and find the equivalent miles.



The screenshot shows a web development IDE with three main panels: HTML, JavaScript, and Console. The HTML panel contains a basic HTML structure with a title "JS Bin". The JavaScript panel contains a script that prompts the user for a kilometer value and converts it to miles. The Console panel shows the output of the script for four different inputs: 1km, 85km, 52km, and 523km.

```
HTML
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JS Bin</title>
</head>
<body>
</body>
</html>
```

```
JavaScript
//Get a Kilometer as input and find the equivalent miles
km = Number(prompt());
const convert=(n)=>{
  return n/1.609344;
}
console.log(km+"km is equivalent to : "+convert(km)+" miles")
```

```
Console
"1km is equivalent to : 0.621371192237334 miles"
"85km is equivalent to : 52.81655134617338 miles"
"52km is equivalent to : 32.31130199634136 miles"
"523km is equivalent to : 324.97713354012564 miles"
```