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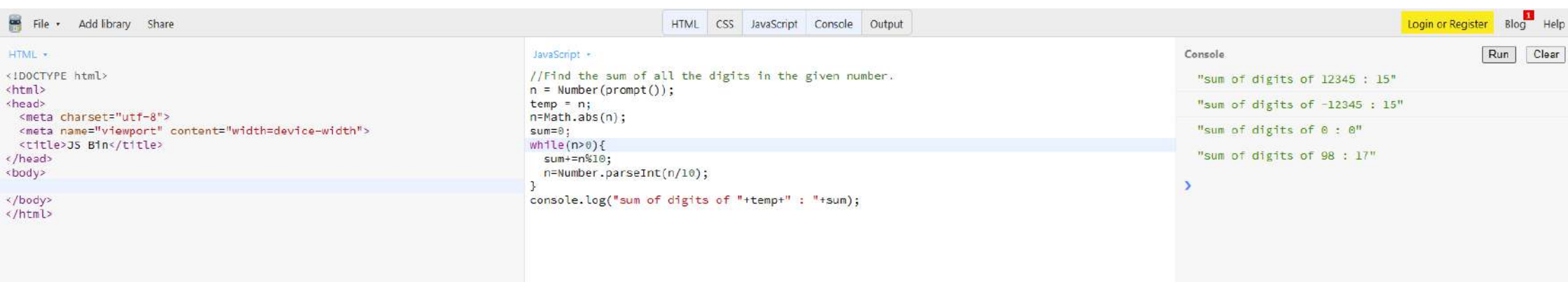
HTML ▼

```
<!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                                        Run   Clear

```
"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.

HTML   CSS   JavaScript   Console   Output

HTML ▾

```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 ▾

```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.

```
HTML ▾                                              JavaScript ▾                                          Console                          Run   Clear

<!DOCTYPE html>                                     //Check whether the given number is palindrome or not.    "121 is a palindrome"
<html>                                              n = Number(prompt());
<head>                                              const isPal=(n)=>{                                        "-121 is not a palindrome"
  <meta charset="utf-8">                              if(n<0||(n%10===0&&n!=0))
  <meta name="viewport" content="width=device-width">      return false;                                    "100 is not a palindrome"
  <title>JS Bin</title>                               rev=0;
</head>                                               while(n>rev){                                           "987 is not a palindrome"
<body>                                                  rev=rev*10+n%10;
                                                        n=Number.parseInt(n/10);                          ›
</body>                                               }
</html>                                               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")
```
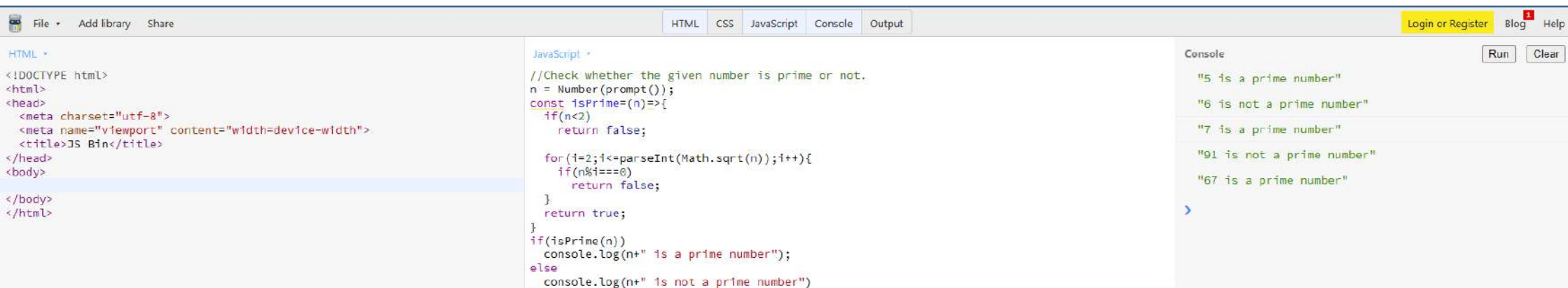
# 14.Check whether the given number is prime or not.

```
HTML ▾                                    Run    Clear

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

</body>
</html>
```
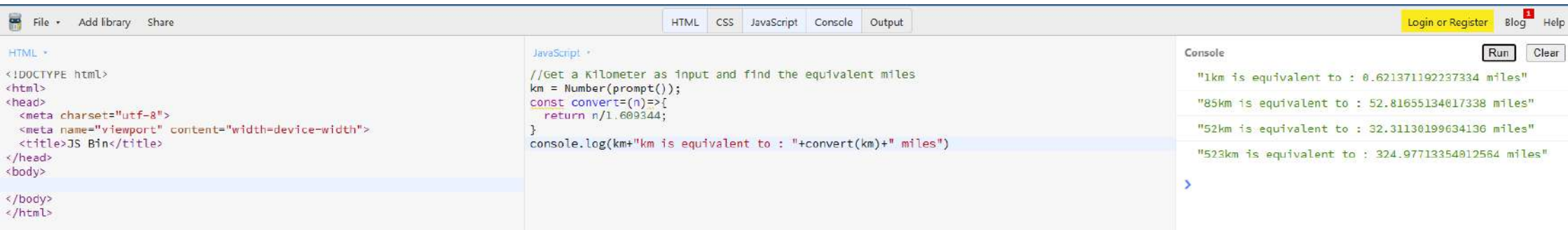
```javascript
JavaScript ▾

//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.



```
<!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 : 52.81655134017338 miles"

"52km is equivalent to : 32.31130199634136 miles"

"523km is equivalent to : 324.97713354012564 miles"