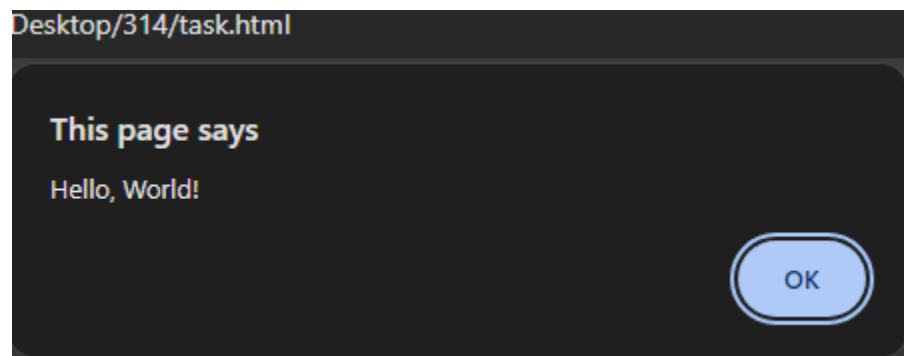


Task 1:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      alert("Hello, World!");
    </script>
  </body>
</html>
```

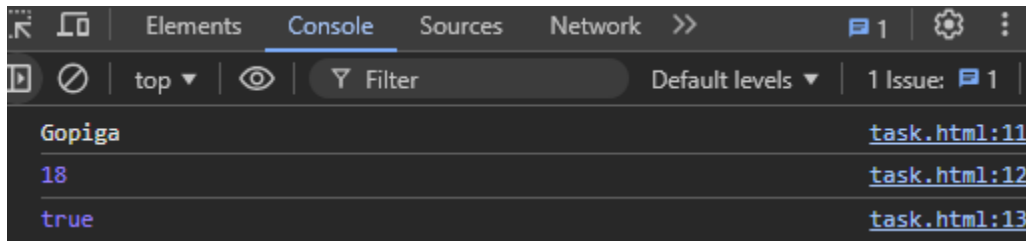
Output:



Task 2:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name ="Gopiga";
      let age = 18;
      let a = true;
      console.log(name);
      console.log(age);
      console.log(a);
    </script>
  </body>
</html>
```

Output:

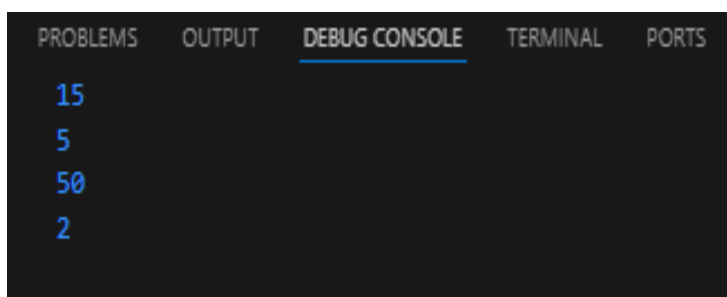


Task 3:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = 10;
      let b = 5;
      console.log(a+b);
      console.log(a-b);
      console.log(a*b);
      console.log(a/b);

    </script>
  </body>
</html>
```

Output:



Task 4:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name ="Gopiga ";
      let b = "Ramachandran";
      document.writeln(name+b);
    </script>
  </body>
</html>
```

Output:

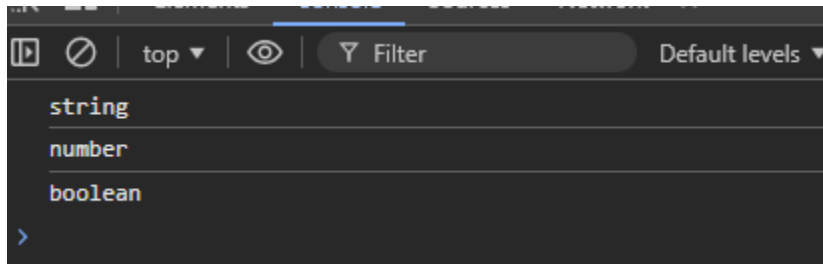


Gopiga Ramachandran

Task 5:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      console.log(typeof("gopiga"));
      console.log(typeof(3));
      console.log(typeof(false));
    </script>
  </body>
</html>
```

Output:



Task 6:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width+device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      // This is syntax for single line command
      /* This is syntax for multi line command */
    </script>
  </body>
</html>
```

Output:

Single-line comments:

Single-line comments are the comment lines confined to one line of code.

Multi-line comments

Multi-line comments are typically a block of text lines that may extend for multiple lines.

Task 7:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name = "Pathirana";
      console.log(name);
      let name1 ="Matheesha"
      console.log(name1);
    </script>
  </body>
</html>
```

Output:

```
Pathirana
Matheesha
```

Difference:

Variable Declaration: You declare two variables using `let` (which has block-level scope).

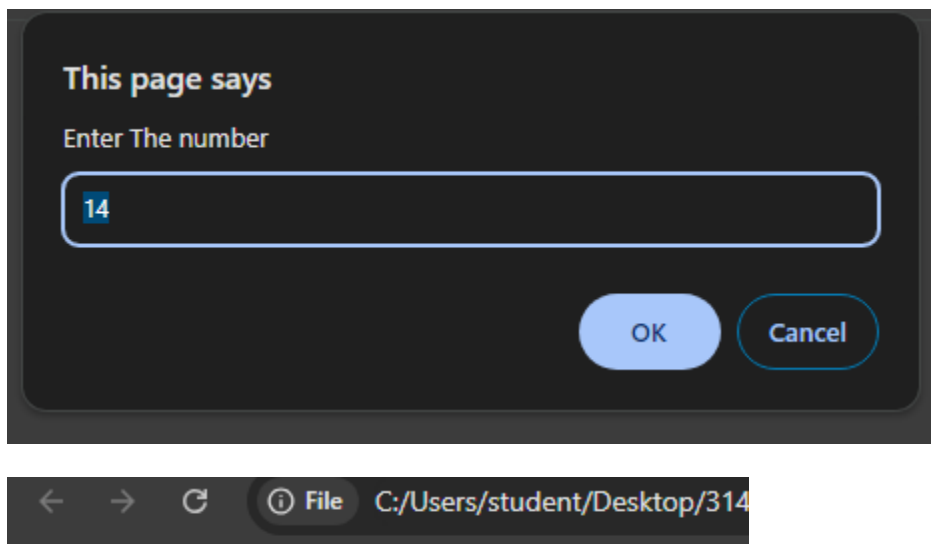
- `let name = "Pathirana";` assigns the string "Pathirana" to the variable `name`.
- `let name1 = "Matheesha";` assigns the string "Matheesha" to the variable `name1`.

There is no unexpected behavior in this code.

Task 8:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let number = parseInt(prompt("Enter The number",14));
      if(isNaN(number))
      {
        alert("please enter the valid number:");
      }
      if(number%2==0){
        document.writeln("the number is even");
      }
      else{
        document.writeln("the number is odd");
      }
    </script>
  </body>
</html>
```

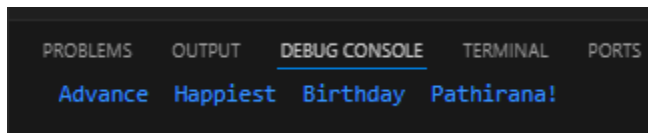
Output:



Task 9:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name = "Advance ", name1= "Happiest ",name2="Birthday ",name3
      ="Pathirana! ";
      console.log(name,name1,name2,name3);
    </script>
  </body>
</html>
```

Output:



Task 10:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      document.writeln("Welcome To JavaScript!");
    </script>
  </body>
</html>
```

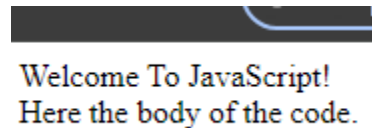
Output:



```
<html>
  <head>
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device_width,initial-scale=1.0">
    <script>
      document.writeln("Welcome To JavaScript!"+"<br>");
    </script>
  </head>
  <body>
    Here the    body of the code.

  </body>
</html>
```

Output:



Welcome To JavaScript!
Here the body of the code.

Difference:

Script at the Top:

Can block rendering, causing delays in loading the page because the browser must stop rendering to download and execute the script.


Script at the Bottom:

Improves page load time, as the browser can render the HTML content first while the script is being downloaded in the background.

Task 11:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      name="lets welcome to coding!"
      document.writeln(name);
    </script>
  </body>
</html>
```

Output:

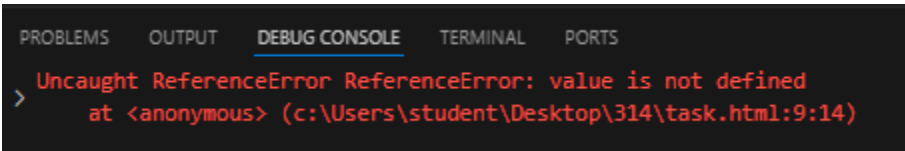


lets welcome to coding!

Task 12:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      "use strict";
      value="lets welcome to coding!";
      console.log(value);
    </script>
  </body>
</html>
```

Output:



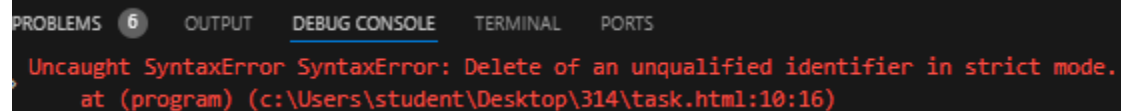
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

> Uncaught ReferenceError ReferenceError: value is not defined
at <anonymous> (c:\Users\student\Desktop\314\task.html:9:14)

Task 13:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      "use strict";
      var name="john";
      delete name;
      "use strict";
      function myfunction(){
        return welcome guys!;
      }
      delete myfunction;
      "use strict";
      function myfunction(goodmorning)
      delete myfunction;
    </script>
  </body>
</html>
```

Output:



The screenshot shows a web browser's developer console with the 'DEBUG CONSOLE' tab selected. It displays a red error message: 'Uncaught SyntaxError: Delete of an unqualified identifier in strict mode. at (program) (c:\Users\student\Desktop\314\task.html:10:16)'. The error occurs at line 10, column 16 of the file 'task.html'.

Task 14:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      name="welcome everyone!";
```

```
    console.log(name);
    "use strict";
    name="thankyou everyone!";
    console.log(name);

    </script>
  </body>
</html>
```

Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

welcome everyone!
thankyou everyone!
```

Task 15:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      "use strict";
      const name ="Abishek"
      console.log(name);
    </script>
  </body>
</html>
```

Output:

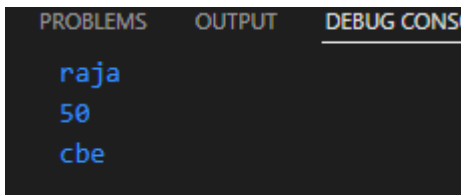
```
PROBLEMS  OUTPUT  DEB

Abishek
```

Task 16:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      var name = "raja";
      console.log(name);
      const age=50;
      console.log(age);
      let address="cbe"
      console.log(address)
    </script>
  </body>
</html>
```

Output:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE
raja
50
cbe
```

Var:

Variables declared with var can be redeclared within the same scope without throwing an error.

Let:

Variables declared with let can be reassigned, but cannot be redeclared in the same scope.

Const:

Use when the variable should not be reassigned.

Task 17:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      const age = 50;
      const age = 30;
      console.log("age:"+age);
    </script>
  </body>
</html>
```

Output:

```
PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
Uncaught SyntaxError SyntaxError: Identifier 'age' has already been declared
    at (program) (c:\Users\Student\Desktop\314\task.html:9:13)
```

Task 18:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      var a;
      console.log(a);
    </script>
  </body>
</html>
```

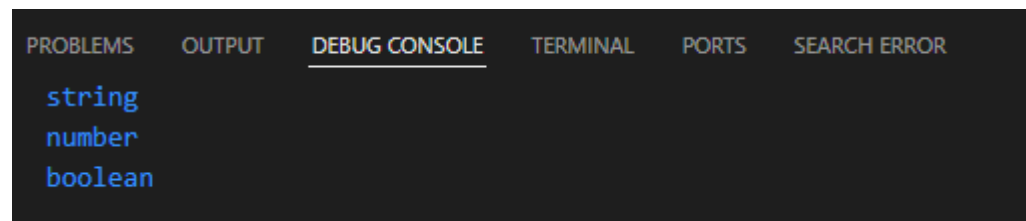
Output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH
undefined
```

Task 19:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name="ramya";
      console.log(typeof(name));
      let age = 14;
      console.log(typeof(age));
      let a = false;
      console.log(typeof(a));
    </script>
  </body>
</html>
```

Output:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  SEARCH ERROR
string
number
boolean
```

Task 20:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      var a = 5;
      var b = a;
      console.log(b);
    </script>
  </body>
</html>
```

Output:

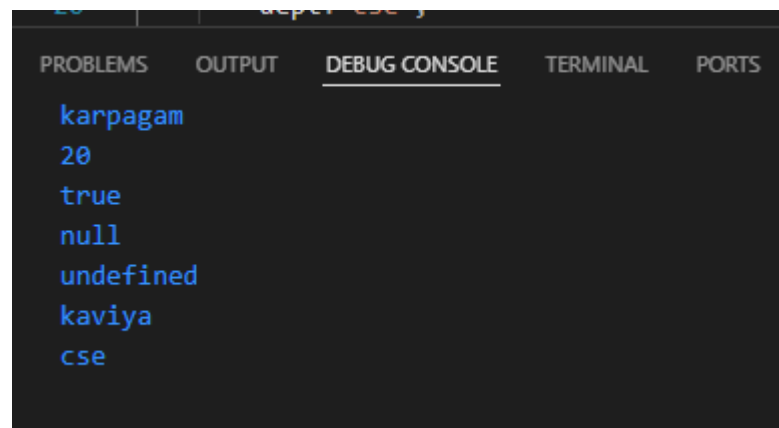


```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
5
```

Task 21:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
var a="karpagam";
console.log(a);
var b = 20;
console.log(b);
var c =true;
console.log(c);
var d=null;
console.log(d);
var e;
console.log(e);
let employee={
  name:"kaviya",
  dept:"cse",
};
console.log(employee.name);
console.log(employee.dept);
    </script>
  </body>
</html>
```

Output:



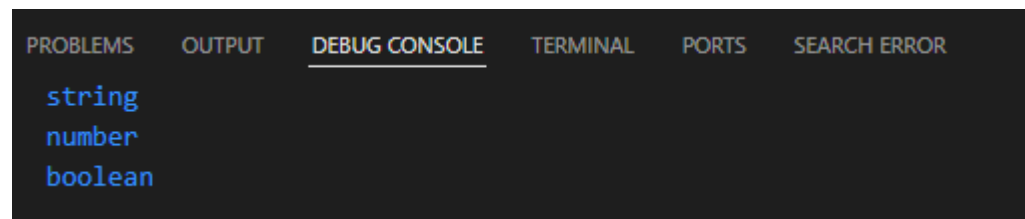
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

karpagam
20
true
null
undefined
kaviya
cse
```

Task 22:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name="ramya";
      console.log(typeof(name));
      let age = 14;
      console.log(typeof(age));
      let a = false;
      console.log(typeof(a));
    </script>
  </body>
</html>
```

Output:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  SEARCH ERROR

string
number
boolean
```

Task 23:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name="ramya";
      console.log(typeof(name));
      let age = 14;
      console.log(typeof(age));
      let a = false;
      console.log(typeof(a));
    </script>
  </body>
</html>
```


Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  SEARCH ERROR

string
number
boolean
```

Task 24:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
var a = null;
console.log(typeof(a));
    </script>
  </body>
</html>
```

Output:

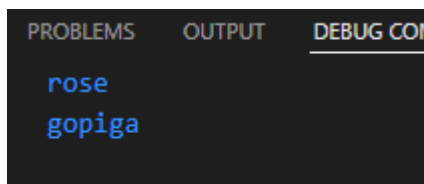
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  SEARCH ERROR

object
```

Task 25:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
var a = "rose";
console.log(a);
let b ="gopiga";
console.log(b);
    </script>
  </body>
</html>
```

Output:



var

function-scoped or **global-scoped**. It means that a variable declared with `var` inside a block (e.g., inside an `if` or `for` loop) is still accessible outside that block (within the function or globally, depending on where `var` is declared).

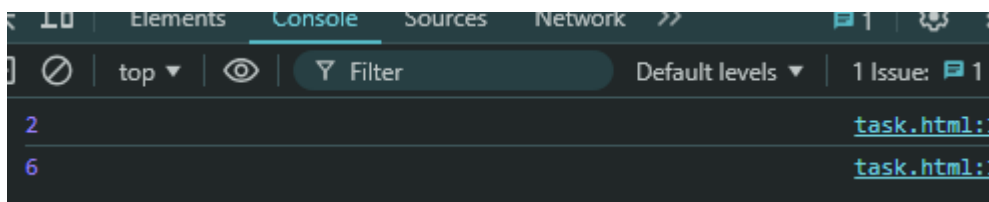
let

block-scoped. It ensures that a variable is only accessible within the specific block (curly braces `{}`) in which it is defined. This prevents unexpected behavior and scope leakage that can occur with `var`.

Task 26:

```
html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = "2";
      let number= a*1;
      console.log(number);
      let b ="6";
      let number1 = Number(b);
      console.log(number1);
    </script>
  </body>
</html>
```

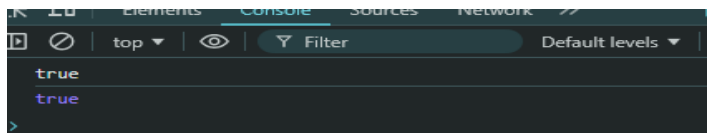
Output:



Task 27:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = true;
      let name = a+"";
      console.log(name);
      let b ="rose";
      let c = Boolean(b);
      console.log(c);
    </script>
  </body>
</html>
```

Output:



Task 28:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= 15;
      let b= 10;
      console.log(a+b);
      console.log(a-b);
      console.log(a*b);
      console.log(a/b);
      console.log(a%b);
    </script>
  </body>
</html>
```

Output:

```
25 task.html:
5 task.html:
150 task.html:
1.5 task.html:
5 task.html:
```

Task 29:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= 15;
      console.log(++a);
      console.log(--a);
    </script>
  </body>
</html>
```

Output:

```
16 task.html:9
15 task.html:10
```

Task 30:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= 15;
      let b= 10;
      let ans = a*b+a-b*++a+--b;
      console.log(ans);
    </script>
  </body>
</html>
```

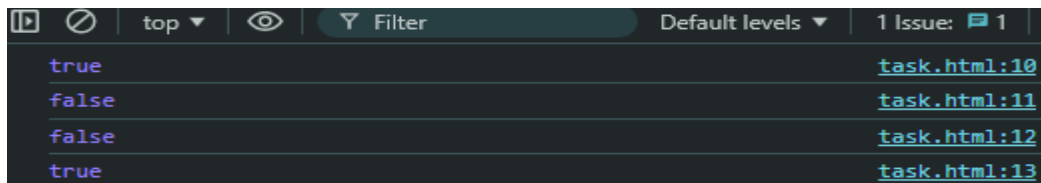
Output:



Task 31:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= 15;
      let b= 10;
      console.log(a>b);
      console.log(a<b);
      console.log(a<=b);
      console.log(a>=b);
    </script>
  </body>
</html>
```

Output:

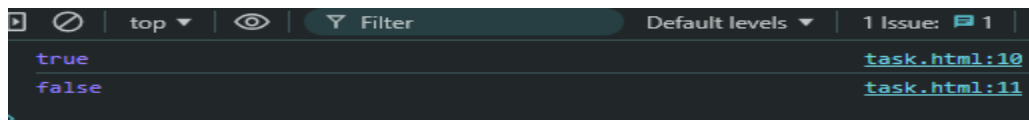


Task 32:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= 10;
      let b= "10";
      console.log(a==b);
      console.log(a===b);
    </script>
  </body>
```

```
</html>
```

Output:

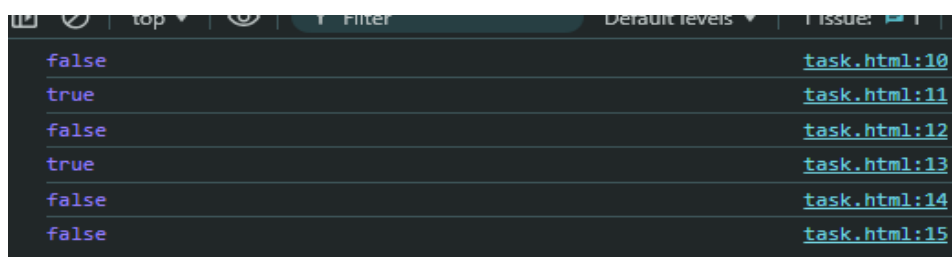


Message	Source
true	task.html:10
false	task.html:11

Task 33:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a ="jack";
      let b ="rose";
      console.log(a>b);
      console.log(a<b);
      console.log(a>=b);
      console.log(a<=b);
      console.log(a==b);
      console.log(a===b);
    </script>
  </body>
</html>
```

Output:



Message	Source
false	task.html:10
true	task.html:11
false	task.html:12
true	task.html:13
false	task.html:14
false	task.html:15

Task 34:

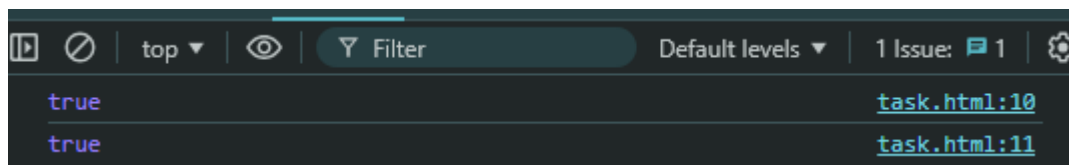
```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a =20;
```

```

    let b =10;
    console.log(a!=b);
    console.log(a!==b);
  </script>
</body>
</html>

```

Output:



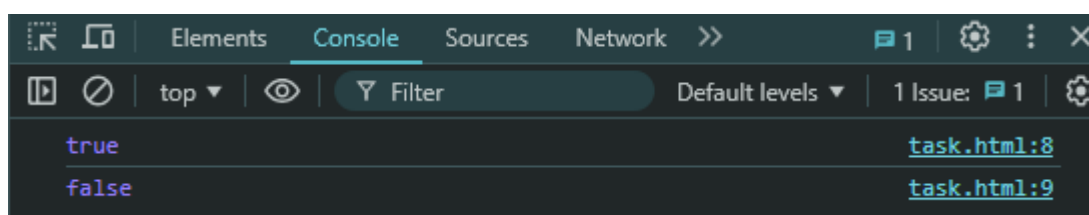
Task 35:

```

<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      console.log(null==undefined);
      console.log(null===undefined);
    </script>
  </body>
</html>

```

Output:



Task 36:

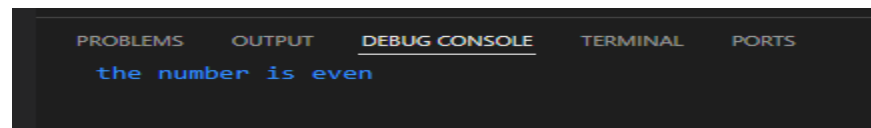
```

<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = 10;
      if(a%2==0){

```

```
        console.log("the number is even");
    }
    else{
        console.log("the number is odd");
    }
</script>
</body>
</html>
```

Output:

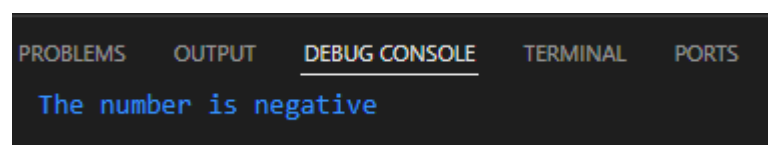


A screenshot of a web browser's developer console. The console has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The DEBUG CONSOLE tab is active, and it displays the text "the number is even" in blue.

Task 37:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = -10;
      if(a>0){
        console.log("The number is positive");
      }
      else if(a<0){
        console.log("The number is negative");
      }
      else{
        console.log("The number is zero");
      }
    </script>
  </body>
</html>
```

Output:

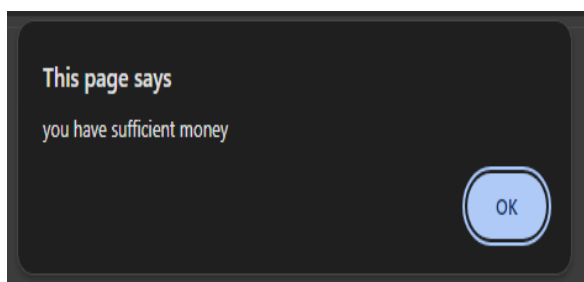
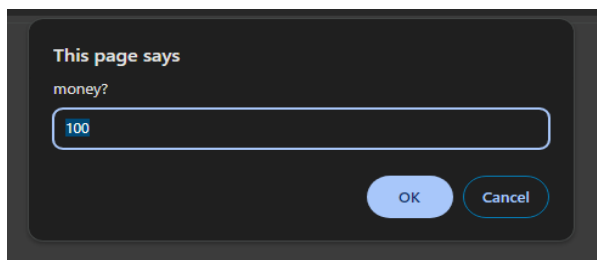


A screenshot of a web browser's developer console. The console has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The DEBUG CONSOLE tab is active, and it displays the text "The number is negative" in blue.

Task 38:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let money= prompt("money?",100);
      let greetings=(money<100)?"you hava insufficient money":
      (money>100)?"you have more money":
      "you have sufficient money";
      alert(greetings);
    </script>
  </body>
</html>
```

Output:

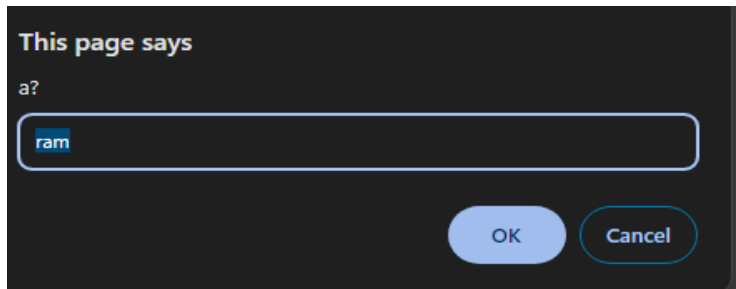


Task 39:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= prompt("a?","ram");
      let greetings=(a!="ram")?"you enter the name wrong":
      "you have entered the name correct";
```

```
    alert(greetings);  
</script>  
</body>  
</html>
```

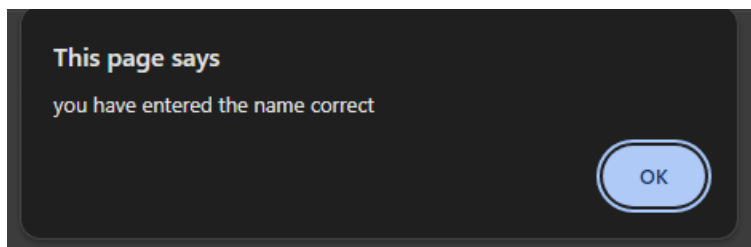
Output:



This page says

a?

OK Cancel



This page says

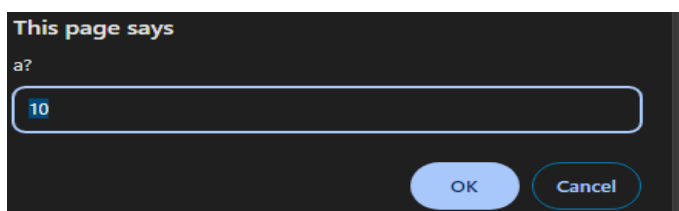
you have entered the name correct

OK

Task 40:

```
<html>  
  <head>  
    <meta charset ="UTF-8">  
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">  
  </head>  
  <body>  
    <script>  
      let a= prompt("a?",10);  
      let greetings=(a==10)?"you are correct":  
        "you are wrong";  
      alert(greetings);  
    </script>  
  </body>  
</html>
```

Output:



This page says

a?

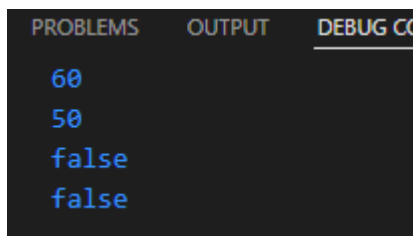
OK Cancel



Task 41:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = 50;
      let b = 60;
      console.log(a&&b);
      console.log(a||b);
      console.log(!a);
      console.log(!b);
    </script>
  </body>
</html>
```

Output:



Task 42:

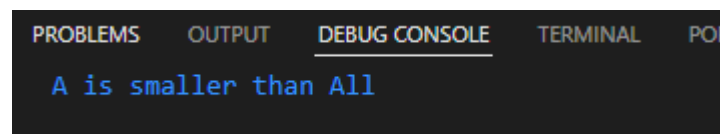
```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a = 50;
      let b = 60;
      let c=70;
      if(a>=b && a>=c){
        console.log("A is greater than B and C");
      }
    </script>
  </body>
</html>
```

```

    else if(a>=b || a>=c){
        console.log("A must be less than B or C");
    }
    else{
        console.log("A is smaller than All");
    }
</script>
</body>
</html>

```

Output:



A screenshot of a web browser's developer console. The 'DEBUG CONSOLE' tab is selected, showing a single log entry: 'A is smaller than All'.

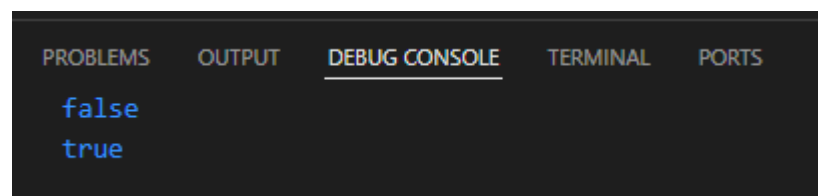
Task 43:

```

<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= true;
      let b= false;
      console.log(!a);
      console.log(!b);
    </script>
  </body>
</html>

```

Output:



A screenshot of a web browser's developer console. The 'DEBUG CONSOLE' tab is selected, showing two log entries: 'false' and 'true'.

Task 44:

```

<html>
  <head>
    <meta charset ="UTF-8">

```

```

    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= 65;
      let b= 35;
      console.log(a&&b);
      console.log(a||b);
    </script>
  </body>
</html>

```

Output:

PROBLEMS	OUTPUT	<u>DEBUG CONSOLE</u>	TERMINAL	PORTS
		35		
		65		

Task 45:

```

<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let a= "ram";
      let b= "ramya";
      console.log(a&&b);
      console.log(a||b);
      let c= 10;
      let d = 50;
      console.log(c&&d);
      console.log(c||d);
    </script>
  </body>
</html>

```

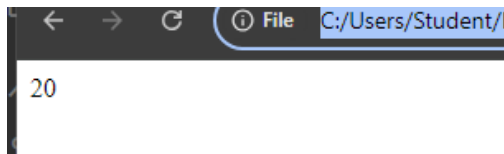
Output:

ramya	task.html:10
ram	task.html:11
50	task.html:14
10	task.html:15

Task 46:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let add = function(num1,num2)
      {
        return num1+num2;
      }
      document.writeln(add(15,5));
    </script>
  </body>
</html>
```

Output:



Task 47:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let area = function(l,b)
      {
        return l*b;
      }
      document.writeln(area(20,30));

    </script>
  </body>
</html>
```

Output:



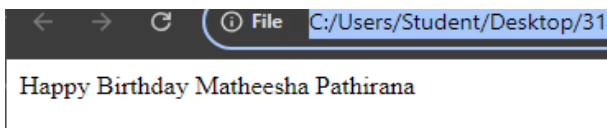
600

Task 48:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let name = function()
      {
        document.writeln("Happy Birthday Matheesha Pathirana");
      }
      name();

    </script>
  </body>
</html>
```

Output:



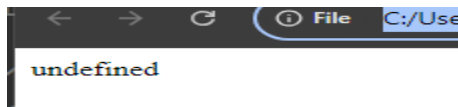
Happy Birthday Matheesha Pathirana

Task 49:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let area = function(l,b)
      {
        return ;
      }
      document.writeln(area(20,30));

    </script>
  </body>
</html>
```

Output:



Task 50:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let area=function(l=10,b=50){
        return l+b;
      }
      document.writeln(area(20,30));

    </script>
  </body>
</html>
```

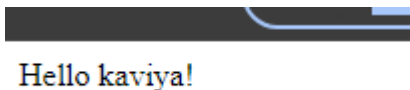
Output:



Task 51:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let greet =(name)=>{
        return("Hello "+name+"!");
      }
      document.writeln(greet("kaviya"));
    </script>
  </body>
</html>
```


Output:

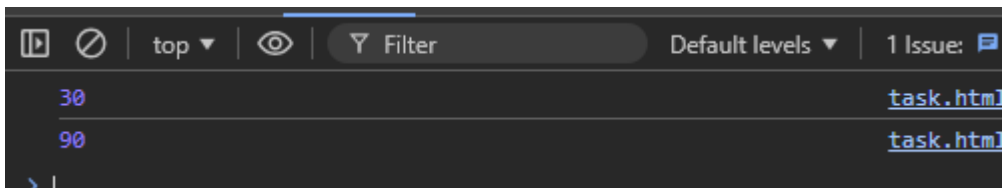


Hello kaviya!

Task 52:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let add=(num1,num2)=>{
        return num1+num2;
      }
      console.log(add(20,10));
      console.log(add(80,10));
    </script>
  </body>
</html>
```

Output:



30 task.html

90 task.html

Task 53:

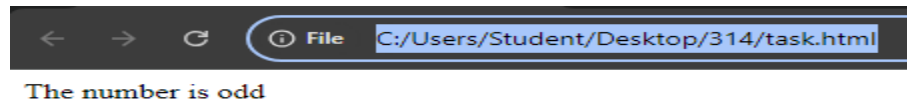
```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let isEven = (num)=>{
        if(num%2==0){
          return("The number is even");
        }
        else{
          return("The number is odd");
        }
      }
    </script>
  </body>
</html>
```

```

    }
    document.writeln(isEven(45));
</script>
</body>
</html>

```

Output:



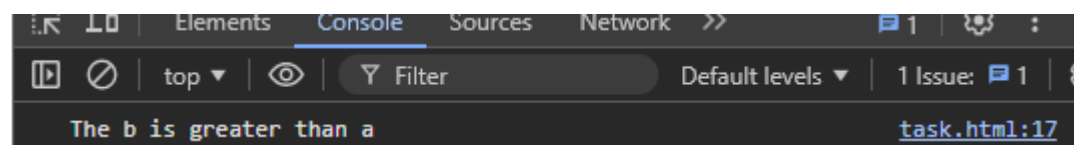
Task 54:

```

<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let maxValue = (a,b)=>
      {
        if(a>b){
          return("The a is greater than b");
        }
        else{
          return("The b is greater than a");
        }
      }
      console.log(maxValue(8,18))
    </script>
  </body>
</html>

```

Output:



Task 55:

```
<html>
  <head>
    <meta charset ="UTF-8">
    <meta name:"viewport" content="width=device_width,initial-scale=1.0">
  </head>
  <body>
    <script>
      let myObject = {
        value:30,
        multiplyTraditional:function(num){
          return this.value*num;
        },
        multiplyArrow:(num)=>{
          return this.value*num;
        }
      }
      console.log(myObject.multiplyTraditional(2));
      console.log(myObject. multiplyArrow(2));
    </script>
  </body>
</html>
```

Output:

