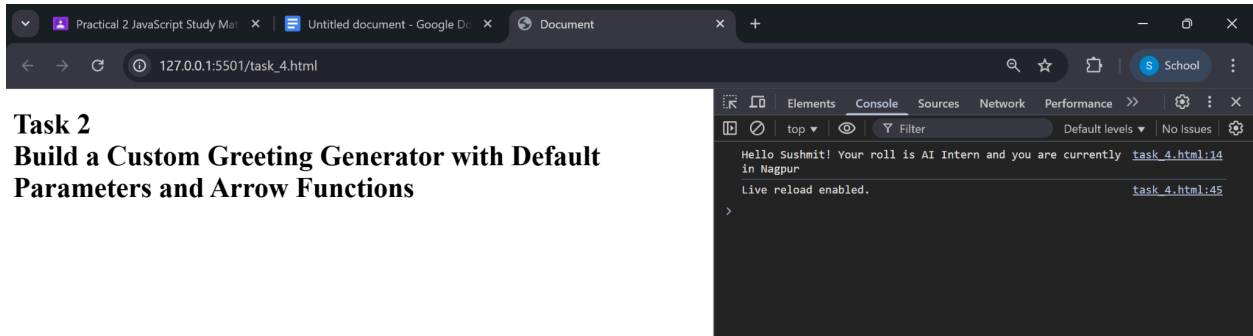


```
task_3.html X
task_3.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9
10 <body>
11     <h1>Task 1 <br>Dynamic Student Report Card Using Destructuring and
12     Template Literals</h1>
13     <script>
14         function marks(name, rollnumber, cn = 0, dbms = 0, os = 0, python = 0, cc = 0) {
15             const info_marks = [name, rollnumber, cn, dbms, os, python, cc];
16             const [nam, rollno, sub1, sub2, sub3, sub4, sub5] = info_marks;
17             var total_marks = sub1 + sub2 + sub3 + sub4 + sub5;
18             const percentage_marks = (total_marks / 500) * 100;
19             console.log(`Report card for ${name} Roll no ${rollno}\n-----\n`);
20             console.log(`Subjects : CN ${sub1}, DBMS ${sub2}, OS ${sub3},Python ${sub4}, CC ${sub5} `);
21             console.log(`Total Marks: ${total_marks}/500`);
22             console.log(`Percentage: ${percentage_marks}%`);
23         }
24         marks("sushmit", 11, 50, 78, 81, 33, 66);
25     </script>
26 </body>
27
28 </html>
```

## Task 1

### Dynamic Student Report Card Using Destructuring and Template Literals

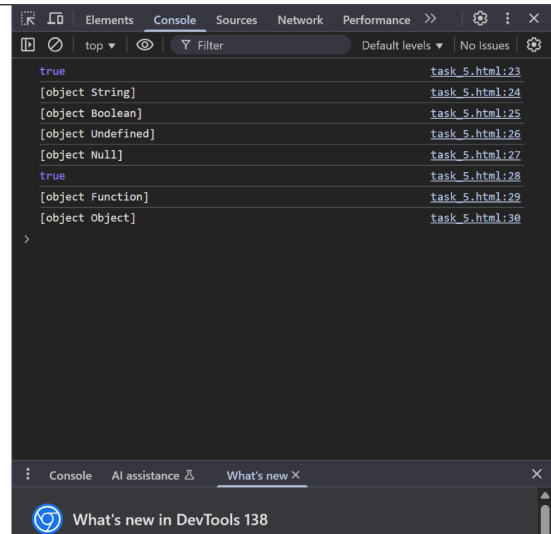
```
Elements Console Sources Network Performance >>
top Filter Default levels No Issues
Report card for sushmit Roll no 11 task_3.html:19
----- task_3.html:19
Subjects : CN 50, DBMS 78, OS 81,Python 33, CC 66 task_3.html:20
Total Marks: 308/500 task_3.html:21
Percentage: 61.6% task_3.html:22
> |
```



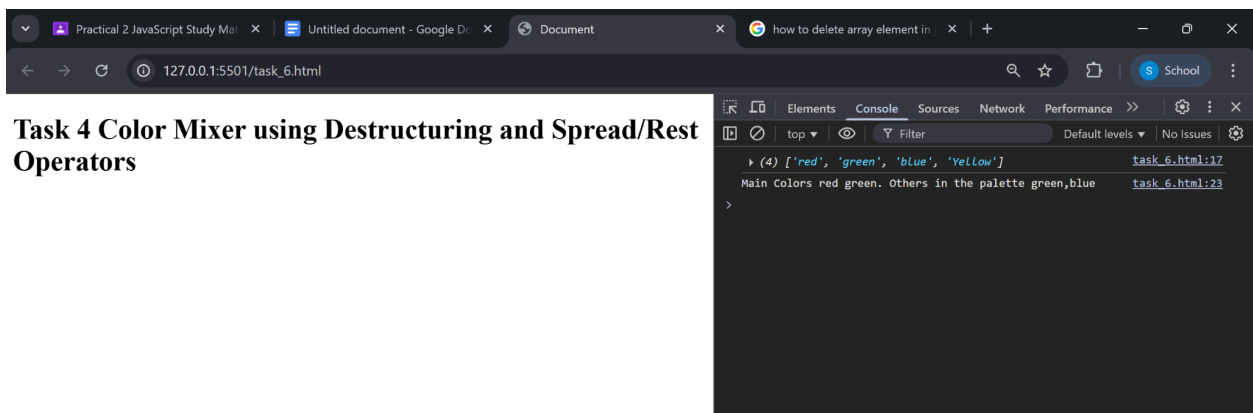
```
task_4.html X
task_4.html > html > body > script
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9
10 <body>
11   <h1>Task 2 <br> Build a Custom Greeting Generator with Default
12     Parameters and Arrow Functions</h1>
13   <script>
14     const generateGreeting = (name, role, location) => console.log(`Hello ${name}! Your roll is ${role}
15       and you are currently in ${location}`);
16     generateGreeting("Sushmit", "AI Intern", "Nagpur");
17   </script>
18 </body>
19 </html>
```

### Task 3

#### Implement a Data Type Analyzer (without typeof) Problem Statement:



```
<> task_5.html X
<> task_5.html > html > body > h1 > br
 2  <html lang="en">
 3  <head>
 4    <meta charset="UTF-8">
 5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6    <title>Document</title>
 7  </head>
 8  <body>
 9    <h1>Task 3 <br> Implement a Data Type Analyzer (without typeof)
10    Problem Statement:</h1>
11    <script>
12
13      const a = 10;
14      var b = "Sushmit";
15      let c = true;
16      let d;
17      let e = null;
18      const arr = [1,2,3];
19      function name(){
20        let k;
21      }
22      const dict = {name : "sushmit", roll : 23};
23      console.log(Number.isInteger(a));
24      console.log(Object.prototype.toString.call(b));
25      console.log(Object.prototype.toString.call(c));
26      console.log(Object.prototype.toString.call(d));
27      console.log(Object.prototype.toString.call(e));
28      console.log(Array.isArray(arr));
29      console.log(Object.prototype.toString.call(name));
30      console.log(Object.prototype.toString.call(dict));
31    </script>
32  </body>
33 </html>
```



```
task_6.html X
task_6.html > html > body > script
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9
10 <body>
11   <h1>Task 4 Color Mixer using Destructuring and Spread/Rest
12     Operators</h1>
13   <script>
14     arr1 = ["red", "green"];
15     arr2 = ["blue", "Yellow"];
16     palatte = [...arr1, ...arr2];
17     console.log(palatte)
18     const [first, last] = palatte;
19     const palatte2 = [...palatte];
20     palatte2.pop();
21     palatte2.shift();
22     // console.log(palatte)
23     console.log(`Main Colors ${first} ${last}. Others in the palette ${palatte2}`);
24
25   </script>
26 </body>
27
28 </html>
```