Vidit Gupta

Group - 5

```
1 - <!DOCTYPE html>
<html>
<head>
        <title>Web App for Simple Interest Calculation</title>

        <script>
        function calculate()
        {
        p = document.getElementById("p").value;
        n = document.getElementById("n").value;
        r = document.getElementById("r").value;
        console.log(p*n*r/100);


        }
        </script>
</head>

<body>
<h1>Simple Interest Calculation</h1>

 Amount:   <input id="p"><br/> <br/>  
Rate:   <input id="r"><br/> <br/>  
No. of Years:   <input id="n"><br/> <br/>  

<button onclick="calculate()">Calculate</button>

<p id="result"></p>
</body>
</html>
```
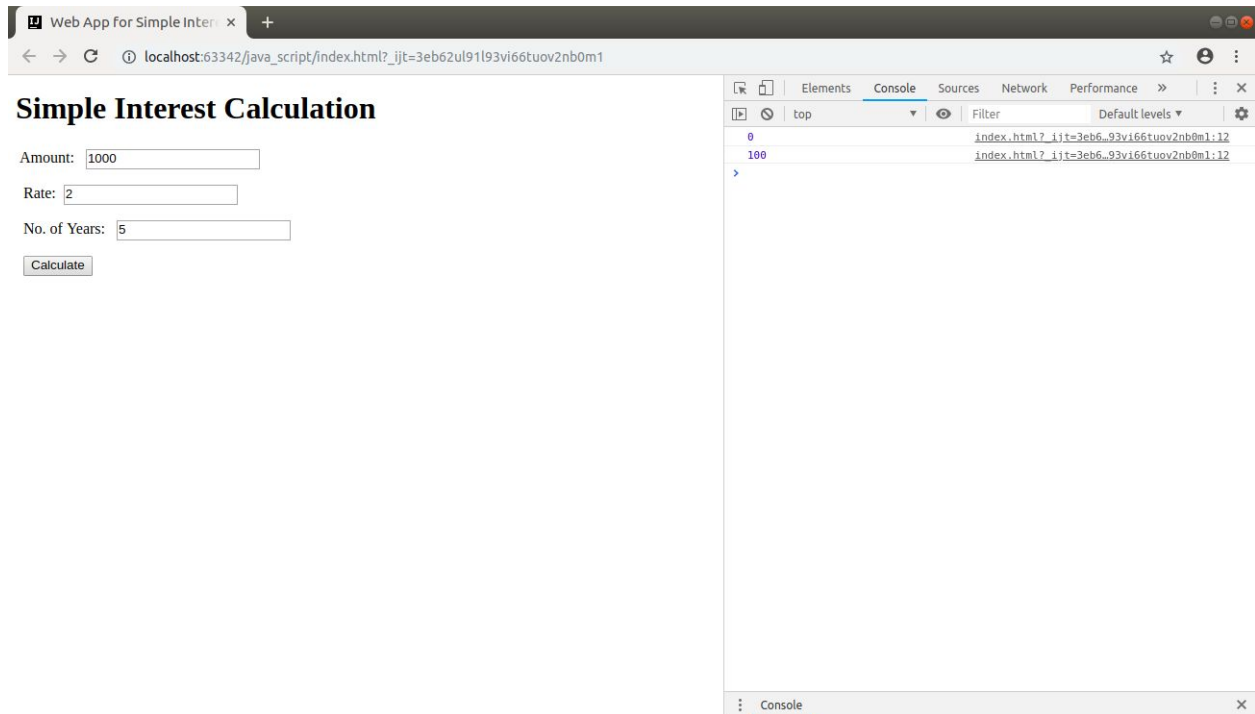
2 - <html>
<head>
<title>check palindrome</title>

<script>
function calculate() {

str= document.getElementById("s").value;
let str1 = str.replace(/\s/g, '');

// reverses string
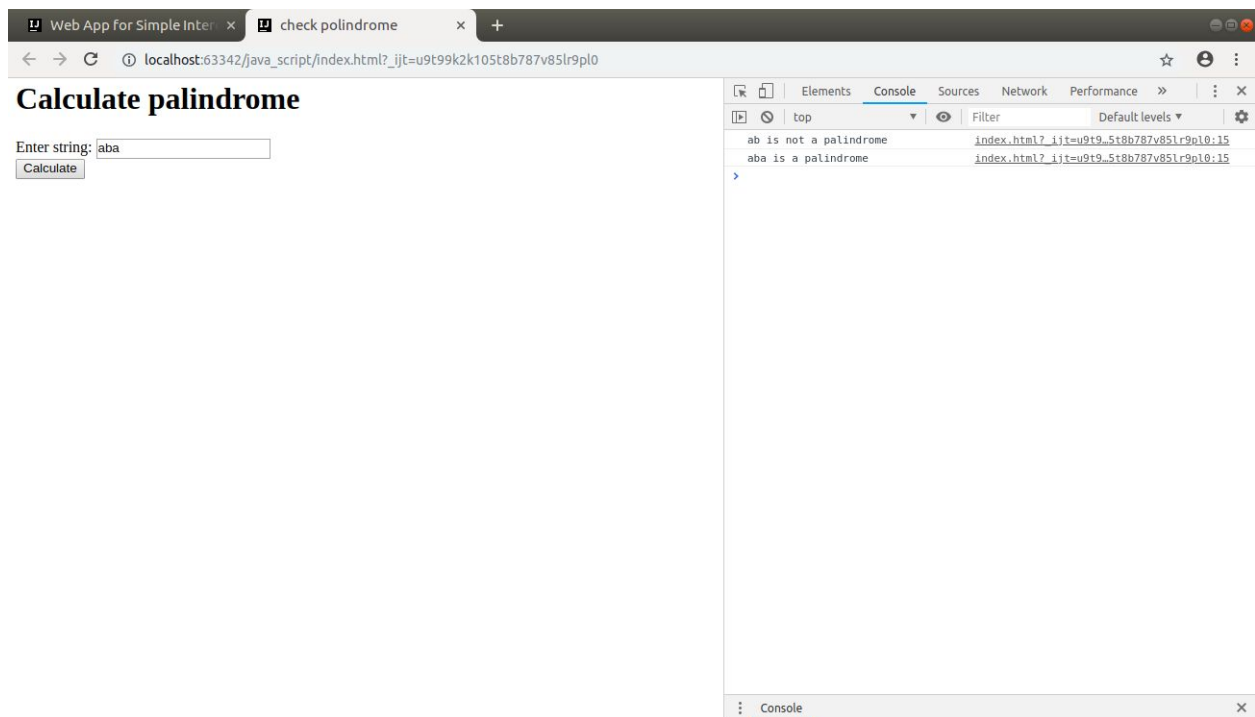let str2 = str1.split('').reverse().join('');

// compares original and reversed string
let result = str1 == str2 ? console.log(str + ' is a palindrome') : console.log(str + ' is not a palindrome')
}
</script>
</head>

```
<body>
<h1>Calculate palindrome</h1>

Enter string: <input id="s"><br/>


<button onclick="calculate()">Calculate</button>

<p id="result"></p>
</body>
</html>
```

```html
<html>
<head>
        <title>Area of circle</title>

        <script>
        function calculate() {

        radius = document.getElementById("c").value;
        area=22/7*radius*radius;
        console.log('Area of circle :'+area)
        }
        </script>
</head>

<body>
<h1>Calculate Circle</h1>

Enter radius of circle: <input id="c"><br/>


<button onclick="calculate()">Calculate</button>

</body>
</html>
```
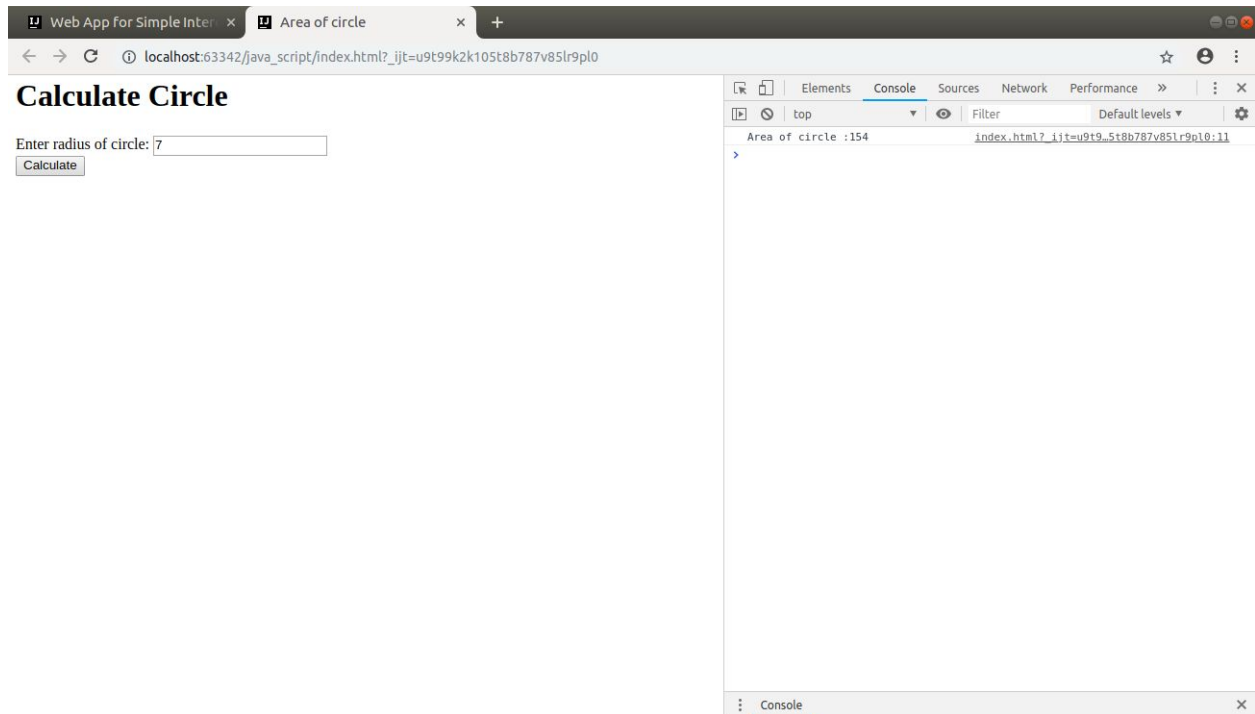
4 -

```
<!DOCTYPE html>
<html>
<head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width">
        <title>JS Bin</title>
        <script>
        function copy(mainObj) {
        let objCopy = {}; // objCopy will store a copy of the mainObj
        let key;

        for (key in mainObj) {
                objCopy[key] = mainObj[key]; // copies each property to the objCopy object
        }
        return objCopy;
        }

        const mainObj = {
```

```
    a: 2,
    b: 5,
    c: 7,
    }

    console.log(copy(mainObj));

    </script>

</head>
<body>

</body>
</html>
```

5 -

```html
<!DOCTYPE html>
<html>
<head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width">
        <title>Employee</title>
        <script>
        var Employee = [{Name:"Raj",Age:22,Salary:800,DOB:'28-05-1996'},
        {Name:"Ravi",Age:22,Salary:2000,DOB:'22-04-1997'},
        {Name:"Ram",Age:43,Salary:43000,DOB:'03-02-1976'}];
        console.log(Employee);
        </script>

</head>
<body>
</body>
</html>
```
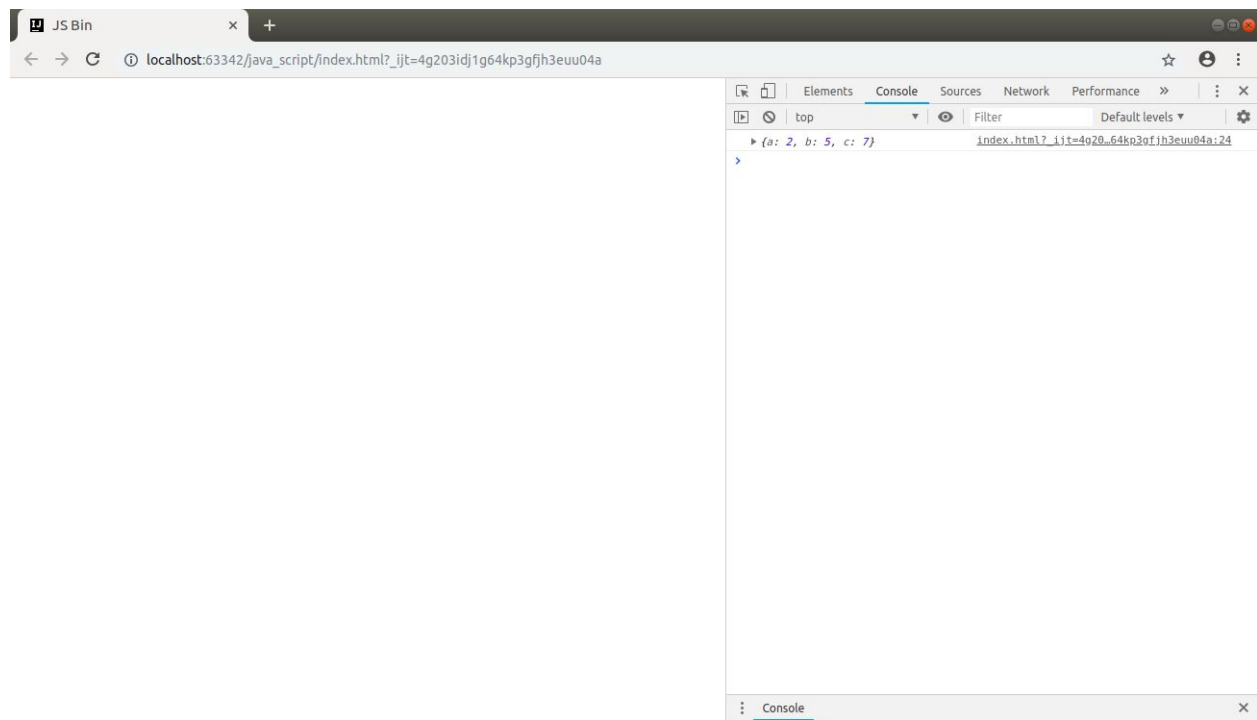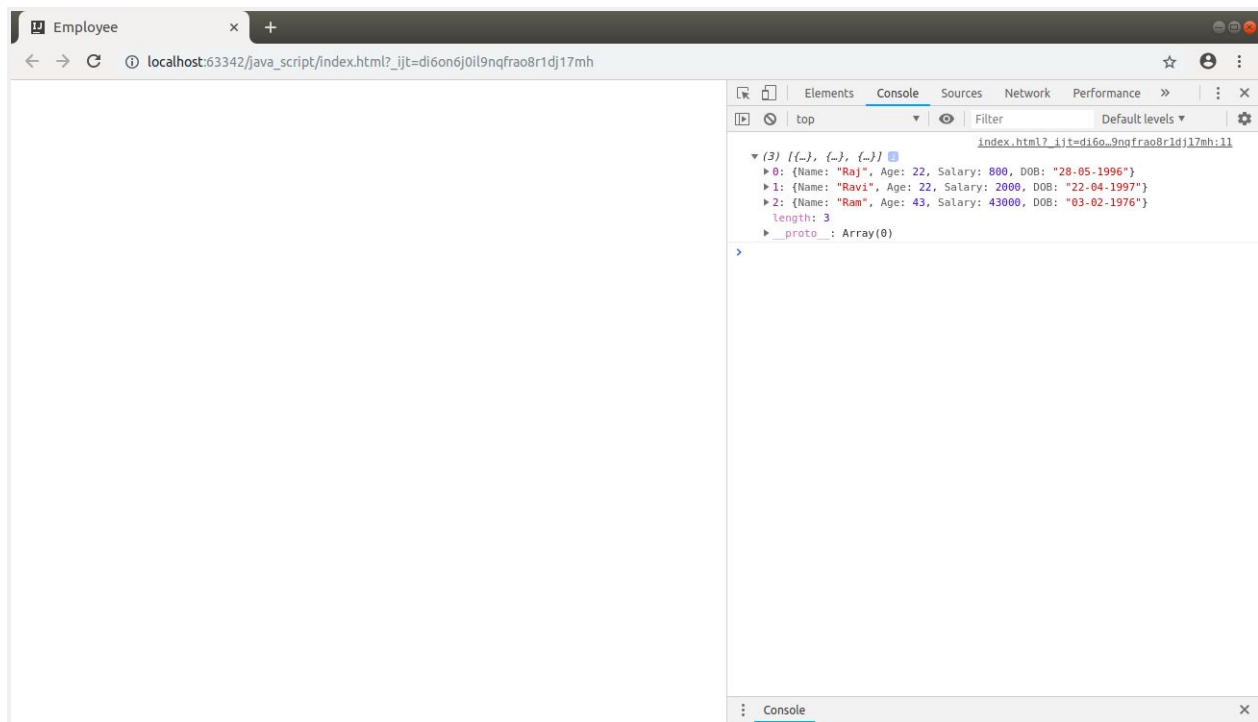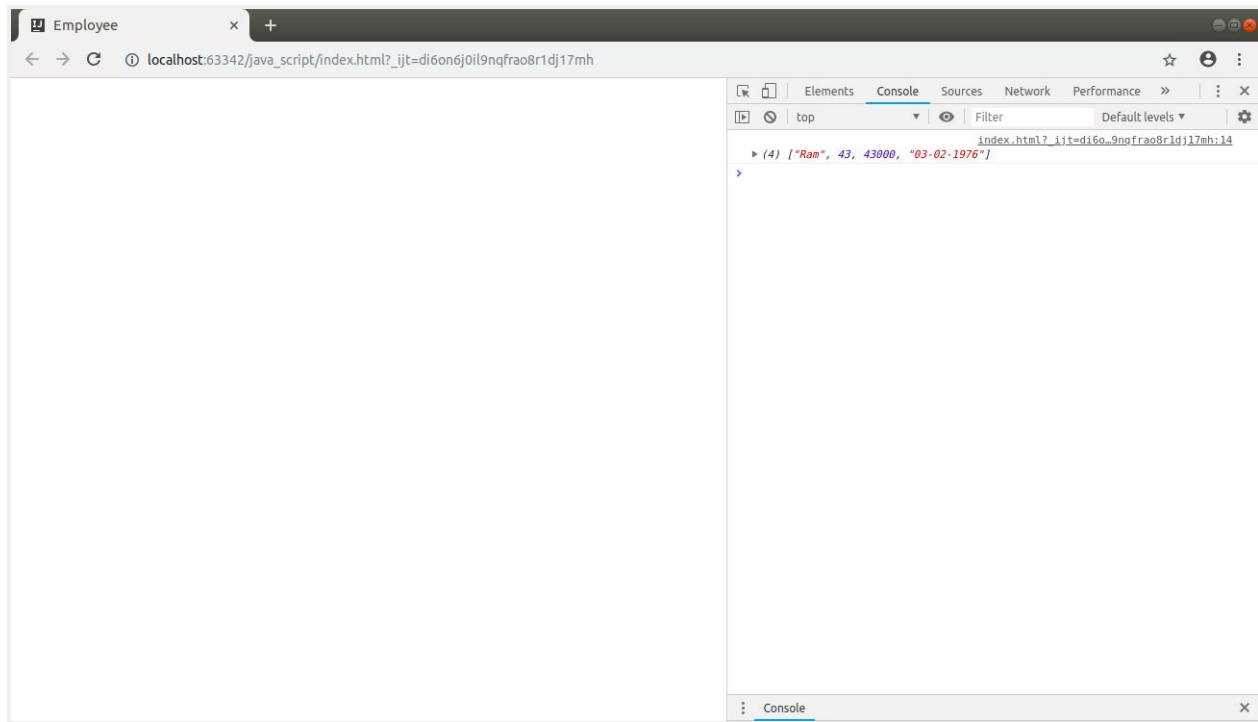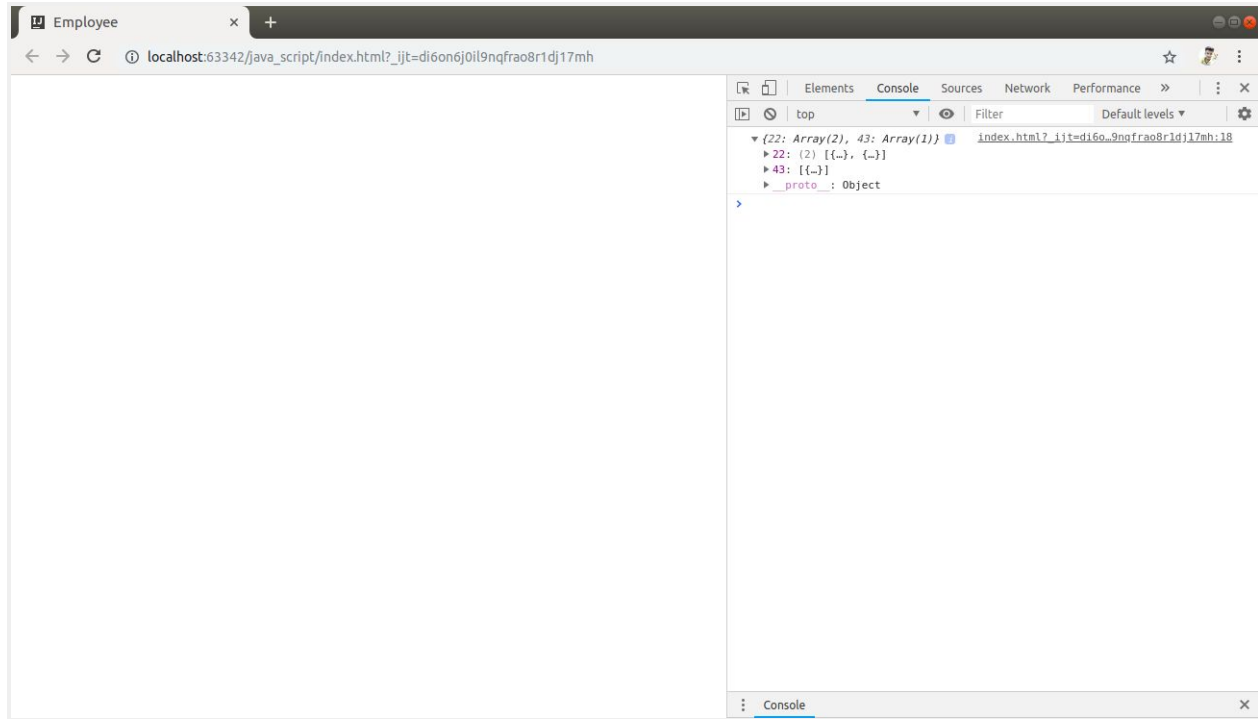


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{Name:"Ram",Age:43,Salary:43000,DOB:'03-02-1976'}];
for(var i=0;i<3;i++)
{
if (Employee[i].Salary > 5000)
{ console.log(Object.values(Employee[i]));}
}
</script>

</head>
<body>
</body>
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```html
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<html>
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        {Name:"Ram",Age:43,Salary:43000,DOB:'03-02-1976'}];
        var list={};
        for(var i=0;i<3;i++){
        if(!list[Employee[i].Age])
        list[Employee[i].Age]=[Employee[i]];
        else
        list[Employee[i].Age].push(Employee[i]);
        }
        console.log(list);
        </script>

</head>
<body>
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</html>
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        {Name:"Ram",Age:43,Salary:43000,DOB:'03-02-1976'}];
        for(var i=0;i<3;i++)
        {
        if (Employee[i].Salary < 1000 && Employee[i].Age > 20) {
```

```
console.log(Object.values(Employee[i]));
{Employee[i].Salary = ((Employee[i].Salary)*5);
console.log(Object.values(Employee[i]));
}
}
}
</script>

</head>
<body>
</body>
</html>
```