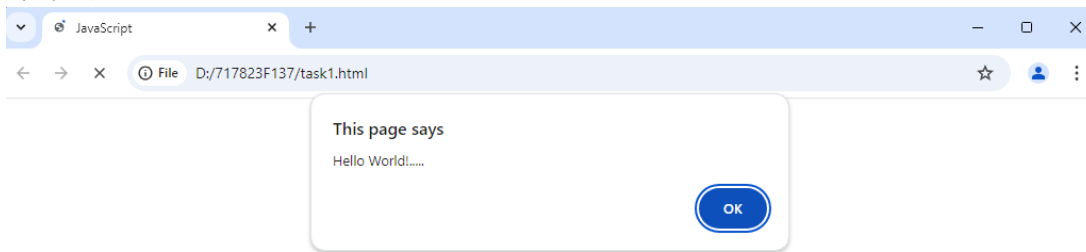


**Roll No : 717823F137**  
**Name : Nandhakumar P V**

### Task 1 :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    alert("Hello World!.....");
  </script>
</body>
</html>
```



### Task 2:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var name = "Apple";
    const PI = 3.14;
    let num = 89;
    let isfill = true;
    var fruit = { name:"Apple",price:45,order:{ totalprice:225,quantity:5 } };
    console.log(name + "\n" + num + "\n" + PI + "\n" + isfill + "\n" + fruit.name+ "\n" + fruit.price+ "\n" +
    fruit.order.quantity+ "\n" + fruit.order.totalprice);
    console.log(fruit);
  </script>
</body>
</html>
```

```
Apple task1.html:22
89
3.14
true
Apple
45
5
225
```

```
▼ {name: 'Apple', price: 45, order: {...}} i task1.html:24
  name: "Apple"
  ▶ order: {totalprice: 225, quantity: 5}
  price: 45
  ▶ [[Prototype]]: Object
>
```

### Task 3:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let num1 = parseInt(prompt("Enter the Number1: "));
    let num2 = parseInt(prompt("Enter the Number2: "));
    console.log(num1+num2);
    console.log(num1-num2);
    console.log(num1*num2);
    console.log(num1/num2);
  </script>
</body>
</html>
```

```
20
```

```
4
```

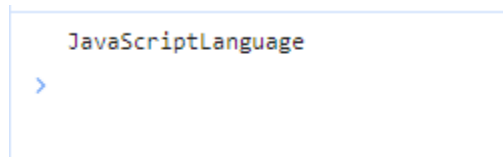
```
96
```

```
1.5
>
```

### Task 4:

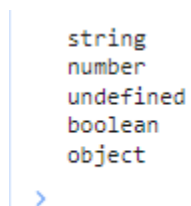
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let str1 = "JavaScript";
    let str2 = "Language";
```

```
    console.log(str1 + str2);
</script>
</body>
</html>
```



### Task 5:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var name = "Apple";
    const PI = 3.14;
    let num;
    let isfill = true;
    var fruit = {name:"Apple",price:45,order:{totalprice:225,quantity:5}};
    console.log(typeof name + "\n" + typeof PI + "\n" + typeof num + "\n" + typeof isfill + "\n" + typeof fruit);
  </script>
</body>
</html>
```



### Task 6:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    // var name = "Apple";
    /* const PI = 3.14;
    console.log(typeof name + "\n" + typeof PI);*/
  </script>
```

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

### Task 7:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var a = 10 ; var b =90;
    var b = 88;
    var a = 43;
    console.log(a+b);
  </script>
</body>
</html>
```

131

>

### Task 8:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    for(let i = 0 ; i < 2 ; i++){
      for(let j =0 ; j < 2 ; j++){
        console.log(j);
      }
      console.log("\n")
    }
  </script>
</body>
</html>
```

0

1

0

1

>

### Task 9:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var a = 10 ; var b =90;
    console.log(a + "\n" + b)
  </script>
</body>
</html>
```

```
10
90
>
```

### Task 10:

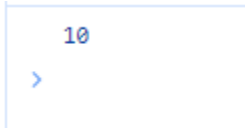
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
  <script>
    console.log('Script in the head section');
  </script>
</head>
<body>
  <script>
    console.log('Script in the body section');
  </script>
</body>
</html>
```

```
Script in the head section
Script in the body section
>
```

### Task 11:

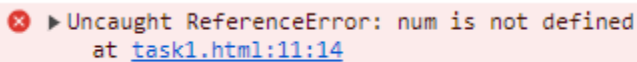
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
```

```
<body>
  <script>
    num = 10;
    console.log(num)
  </script>
</body>
</html>
```



### Task 12:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    'use strict';
    num = 10;
    console.log(num)
  </script>
</body>
</html>
```



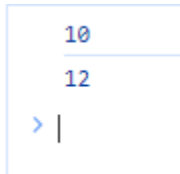
### Task 13:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    'use strict';
    var fruit = { name:"Apple",price:45,order:{ totalprice:225,quantity:5 } };
    delete fruit.order
    console.log(fruit.order)
  </script>
</body>
</html>
```



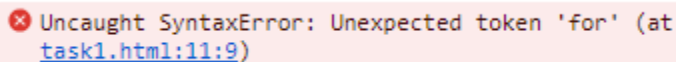
#### Task 14:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    num = 10;
    console.log(num);
    'use strict';
    inp = 12;
    console.log(inp);
  </script>
</body>
</html>
```



#### Task 15:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    'use strict';
    var for = 12;
    console.log(for);
  </script>
</body>
</html>
```



#### Task 16:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
```

```
<body>
  <script>
    var name = "John";
    let num = 15;
    const Pi = 3.14;
    console.log(name + "\n" + num + "\n" + Pi);
  </script>
</body>
</html>
```

```
John
15
3.14
```

### Task 17:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    const Pi = 3.14;
    Pi = 98;
    console.log(Pi);
  </script>
</body>
</html>
```

```
✖ ▶ Uncaught TypeError: Assignment to constant variable.    task1.html:11
   at task1.html:11:8
```

### Task 18:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let num
    console.log(num);
  </script>
</body>
</html>
```

```
undefined
```



### Task 19:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    num = 123
    str = "Hai"
    inp = false
    console.log(typeof num + "\n" + typeof str + "\n" + typeof inp);
  </script>
</body>
</html>

    number
    string
    boolean

  >
```

### Task 20:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var fruit = {name:"apple",price:10}
    var {name : full_name} = fruit
    console.log(full_name);
  </script>
</body>
</html>

    apple

  >
```

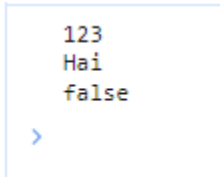
### Task 21:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
```

```

<script>
  num = 123
  str = "Hai"
  inp = false
  console.log(num + "\n" + str + "\n" + inp);
</script>
</body>
</html>

```



```

123
Hai
false

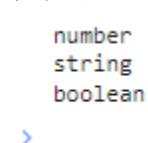
```

### Task 22:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    num = 123
    str = "Hai"
    inp = false
    console.log(typeof num + "\n" + typeof str + "\n" + typeof inp);
  </script>
</body>
</html>

```



```

number
string
boolean

```

### Task 23:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let a = Symbol("Apple")
    console.log(a);
  </script>
</body>
</html>

```

Symbol(Apple)

>

#### Task 24:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let num
    num = null
    console.log(typeof num);
  </script>
</body>
</html>
```

object

>

#### Task 25:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var a = 5
    if(a){
      let b = 10
      console.log(a,b);
    }
    console.log(a,b);
  </script>
</body>
</html>
```

5 10

✖ ▶ Uncaught ReferenceError: b is not defined  
at [task1.html:15:21](#)

#### Task 26:

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```

<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>JavaScript</title>
</head>
<body>
  <script>
    var str = "10"
    let num = str
    let inp = parseInt(str)
    console.log(num,inp);
  </script>
</body>
</html>

```

10 10

>

### Task 27:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    var inp = true
    let str = String(inp)
    let bl = Boolean(str)
    console.log(str,bl);
  </script>
</body>
</html>

```

true true

>

### Task 28:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let num1 = 12
    let num2 = 8
    console.log(num1+num2);
    console.log(num1-num2);
  </script>
</body>
</html>

```

```

    console.log(num1*num2);
    console.log(num1/num2);
    console.log(num1%num2);
</script>
</body>
</html>

```

```

20
4
96
1.5
4
>

```

### Task 29:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let num1 = 12
    console.log(num1++);
    console.log(++num1);
    console.log(num1--);
    console.log(--num1);
  </script>
</body>
</html>

```

```

12
14
14
12
>

```

### Task 30:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript</title>
</head>
<body>
  <script>
    let num1 = 4

```

```
    let num2 = 8
    console.log(num1 + num2 * num1 - num2 / num1 % num2);
</script>
</body>
</html>
```

34

>