

ASSIGNMENT 5

Demonstrate Javascript Data Type.

```
<!DOCTYPE html>
<html>
  <body>
    <h2>bigInt() Demo</h2>
    <script>
      z= BigInt(999999999)
      console.log(typeof(z))
      console.log(z)
    </script>
  </body>
</html>
```

bigInt()
Demo

bigint
999999999n

```
<!DOCTYPE html>
<body>
  <h2>Datatypes Demo</h2>
  <script>
    //object
    let students= {firstname:"x", lastname:"y"};
    console.log(students);
    console.log("Students firstname :", students.firstname)
    console.log("Students lastname :", students.lastname)

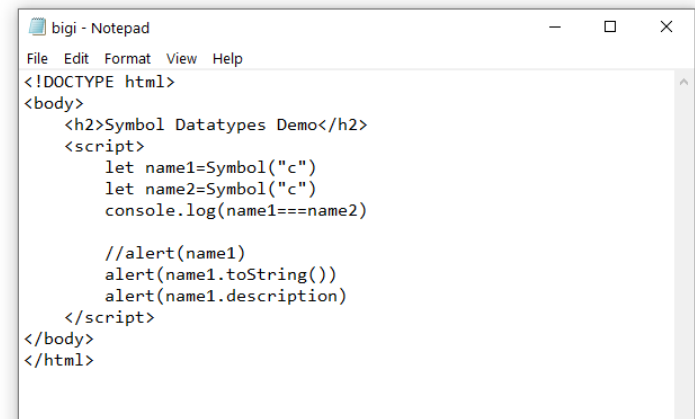
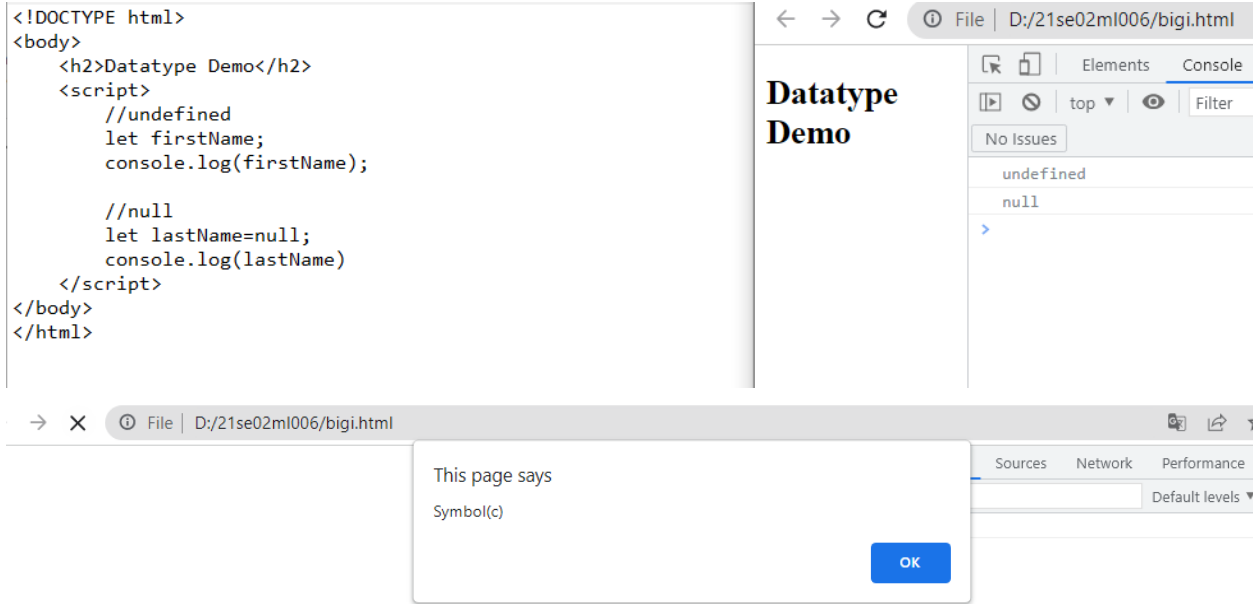
    //array object:
    let Students=["Yatharth", "Yuvraj", "Yatri"];
    console.log(Students);
    console.log(Students[0]);

    //data object:
    let date = new Date("2022-12-27");
    console.log(date);
  </script>
</body>
</html>
```

Datatypes
Demo

No Issues

```
{firstname: 'x', lastname: 'y'}
Students firstname : x
Students lastname : y
(3) ['Yatharth', 'Yuvraj', 'Yatri']
Yatharth
Tue Dec 27 2022 05:30:00 GMT+0530 (India Standard Time)
```



```
<!DOCTYPE html>
<body>
  <h2>Symbol Datatypes Demo</h2>
  <script>
    let enrollmentId=Symbol()
    let user={
      fname:"kush",
      lname:"Mehta"
    };
    user[enrollmentId]=101;
    console.log(user);
    console.log("Below are user variable keys..")
    for(let key in user){
      console.log(key)
    }
  </script>
</body>
</html>
```

Symbol Datatypes Demo

File | D:/21se02ml006/big1.html

Elements Console Sources Network

No Issues

{fname: 'kush', lname: 'Mehta', Symbol(): 101} big1.html

Below are user variable keys.. big1.html

fname big1.html

lname big1.html

```
<!DOCTYPE html>
<body>
  <h2>datatype date</h2>
  <script>
    const d=new Date();
    console.log(d);

    const d1=new Date("Jan 03,2023 12:00:00");
    console.log(d1);

    const d2=new Date("2023-03-25");
    console.log(d2);

    const d3=new Date("15-03-2023");
    console.log(d3);

    const d4=new Date("March 15,2023 12:00:00");
    console.log(d4);

    const d5=new Date("2023, 15, 24, 10, 33, 30");//year mon
    console.log(d5);

    const d6=new Date("2023"); //year
    console.log(d6);

    const d7=new Date("23");
    console.log(d7);

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

datatype date

File | D:/21se02ml006/big1.html

Elements Console Sources Network

No Issues

Wed Jan 04 2023 14:51:02 GMT+0530 (India Standard Time) big1.html

Tue Jan 03 2023 12:00:00 GMT+0530 (India Standard Time) big1.html

Sat Mar 25 2023 05:30:00 GMT+0530 (India Standard Time) big1.html

Invalid Date big1.html

Wed Mar 15 2023 12:00:00 GMT+0530 (India Standard Time) big1.html

Invalid Date big1.html

Sun Jan 01 2023 05:30:00 GMT+0530 (India Standard Time) big1.html

Invalid Date big1.html