

JS Programs

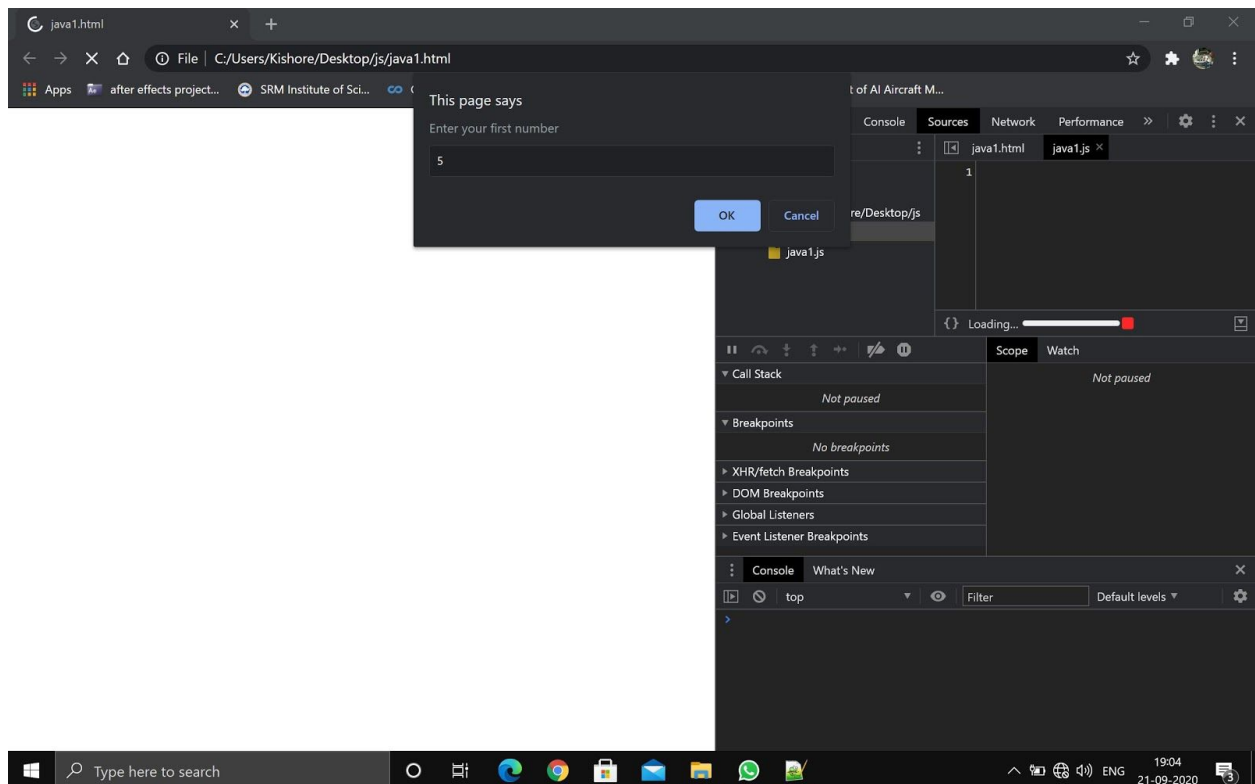
(Kishore M - RA1711003040141)

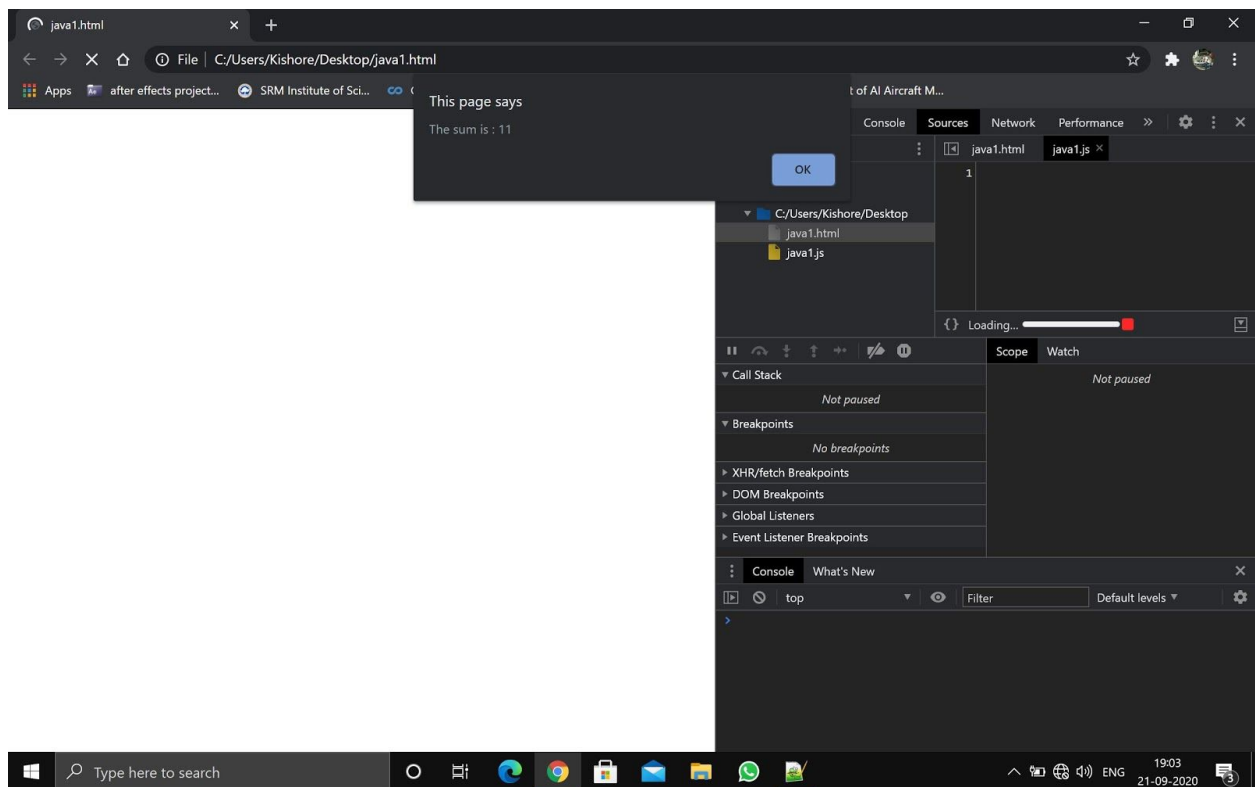
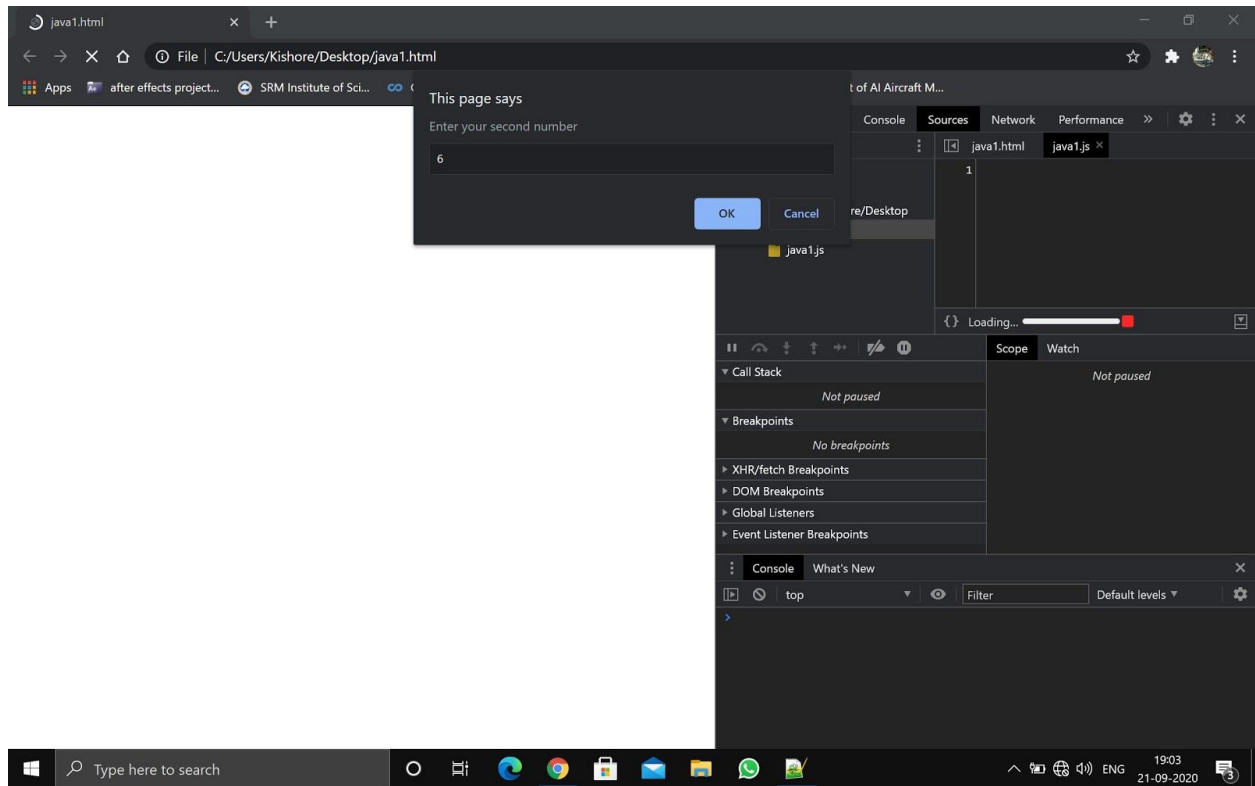
1. Html code :

```
<!DOCTYPE html>
<html>
<head>
<style>
</style>
</head>
<script src="java1.js"></script>
</body>
</html>
```

JS :

```
var strNum1 = prompt('Enter your first number');
var num1 = parseInt(strNum1);
var strNum2 = prompt('Enter your second number');
var num2 = parseInt(strNum2);
alert('The sum is : ' + (num1 + num2));
```



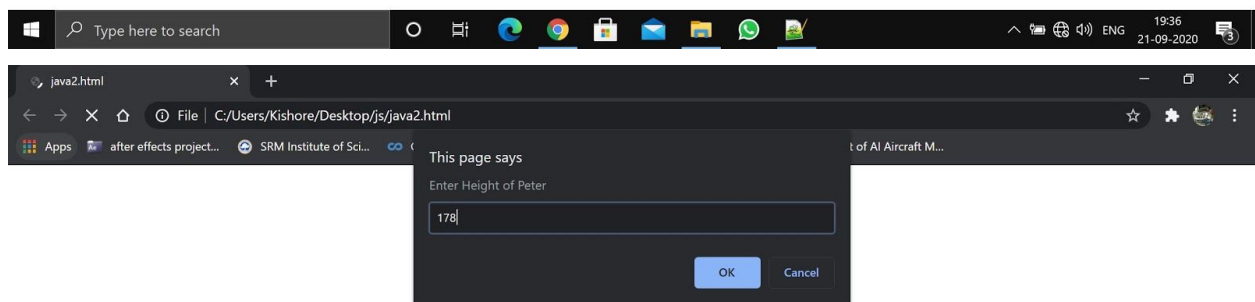
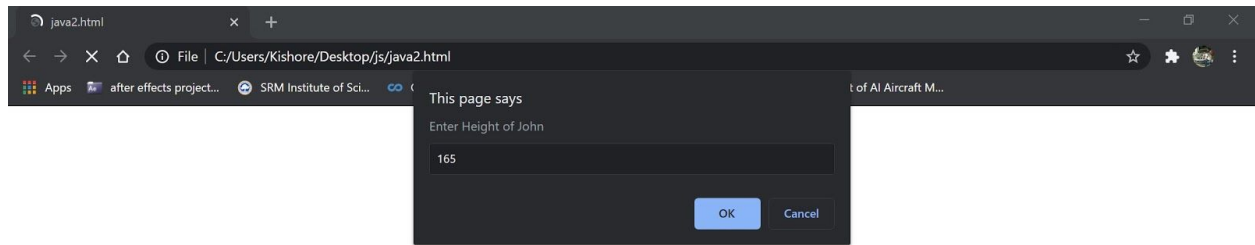


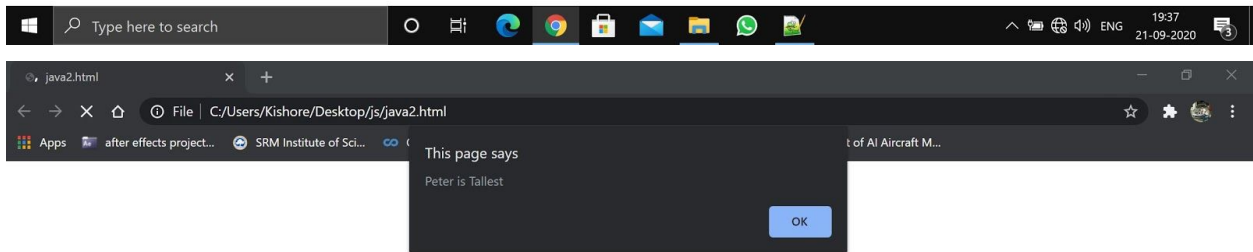
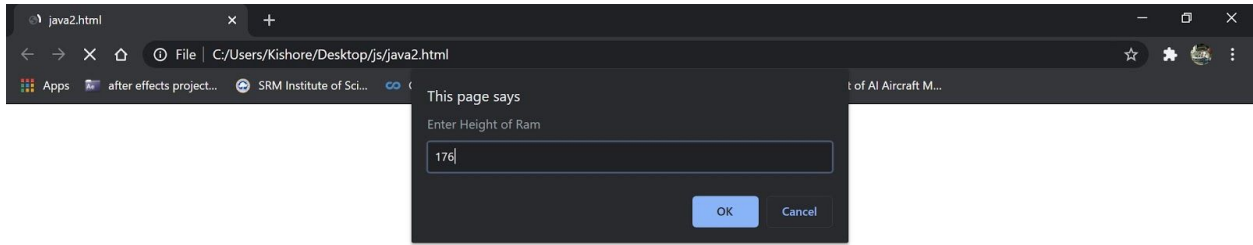
2. Html code :

```
<!DOCTYPE html>
<html>
<head>
<style>
</style>
</head>
<script src="java2.js"></script>
</body>
</html>
```

JS :

```
var strNum1 = prompt('Enter Height of John');
var num1 = parseInt(strNum1);
var strNum2 = prompt('Enter Height of Peter');
var num2 = parseInt(strNum2);
var strNum3 = prompt('Enter Height of Ram');
var num3 = parseInt(strNum3);
if(num1 > num2 && num1 > num3)
{
    alert("John is Tallest");
}
else if (num2 > num1 && num2 > num3)
{
    alert("Peter is Tallest");
}
else if (num3 > num1 && num3 > num2)
{
    alert("Ram is Tallest");
}
```





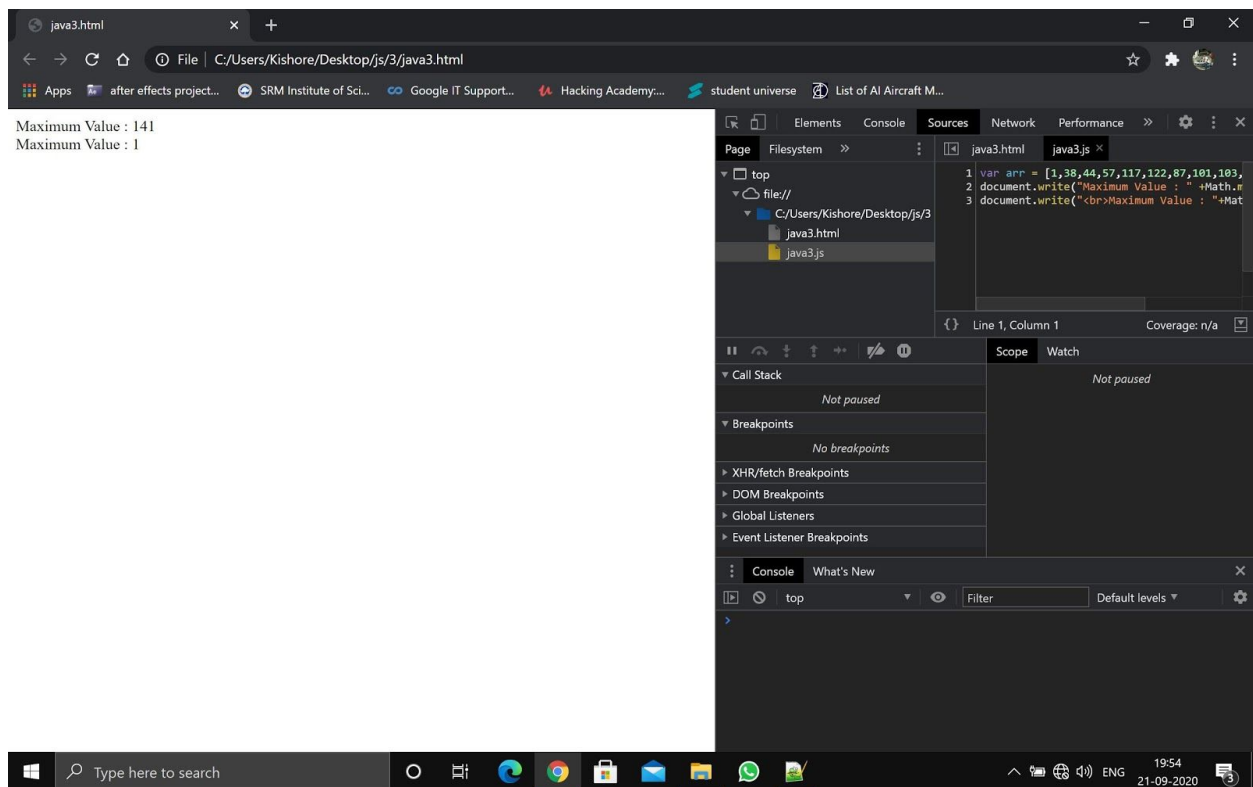
3.

Html code :

```
<!DOCTYPE html>
<html>
<head>
<style>
</style>
</head>
<script src="java3.js"></script>
</body>
</html>
```

JS :

```
var arr = [1,38,44,57,117,122,87,101,103,141];
document.write("Maximum Value : " +Math.max.apply(null,arr));
document.write("<br>Maximum Value : "+Math.min.apply(null,arr));
```



4.

HTML CODE :

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

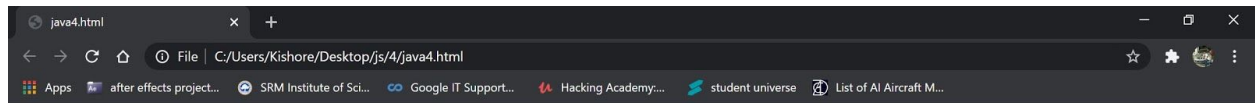
```
<div style="text-align: center;">
<h2>To Find Number of Days Left for Friends Birthday</h2>
<label>Birthday</label>
<input type="date" placeholder="Birthday" id="bday"/>
<input type="button" value="Enter" onclick="Check()" />
<p id="results"></p>
</div>
```

```
<script>
function Check()
{
var b=document.getElementById("bday").value;
var bday =new Date(b);
var today = new Date();
var diff = new Date();
//diff.setDate(bday.getDate()-date.getDate());
//var Month_left=parseInt(today.getMonth())-parseInt(bday.getMonth());
//var Days_left=parseInt(today.getDay())-parseInt(bday.getDay());
console.log(bday.getDate()-today.getDate());

if(bday.getMonth()>today.getMonth())
var Months=parseInt(bday.getMonth()-today.getMonth());
else
var Months=parseInt(today.getMonth()-bday.getMonth());

if(bday.getDate()>today.getDate())
var days=parseInt(bday.getDate()-today.getDate());
else
var days=parseInt(today.getDate()-bday.getDate());

document.getElementById("results").innerHTML = "There are "+days+" days and "+Months+
" Months left to celebrate you're and friends birthday";
}
</script>
</body>
</html>
```



To Find Number of Days Left for Friends Birthday

Birthday

There are 1 days and 2 Months left to celebrate you're and friends birthday



5.

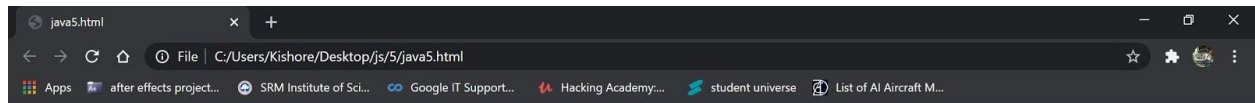
HTML CODE:

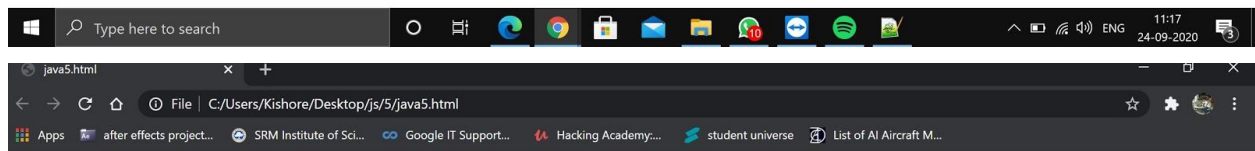
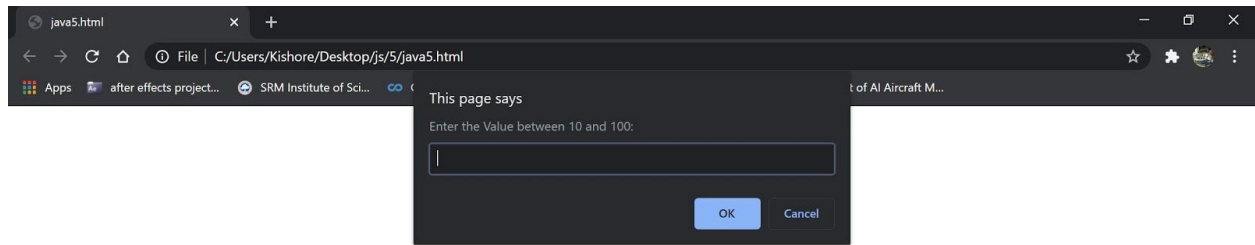
```
<html>
<body>
<div style="text-align: center;">
<h2>To find Duplicate among the array elements</h2>
<label>Enter 20 Values between 10 and 100:</label>
<input type="button" value="Enter" onclick="Check()" />
<p id="results"></p>
</div>

<script>
function Check()
{
var a= new Array();
var n= new String;
for(var i=0;i<20;i++)
{
var b=parseInt(prompt("Enter the Value between 10 and 100:"));
a.push(b);
}
a = a.filter((element, i) => i === a.indexOf(element))
```



```
for (var j = 0; j < a.length; j++)  
n=n+(a[j]+",");  
document.getElementById("results").innerHTML = "The array without any duplicates is "  
+n;  
}  
</script>  
</body>  
</html>
```





The array without any duplicates is 12,24,32,64,88,55,28,15,13,14,58,75,53,56,45,98,69,36,



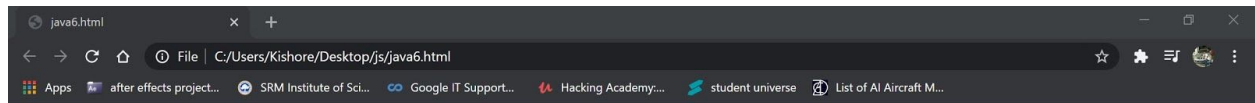
6.

HTML CODE :

```
<html>
<body>
<div style="text-align: center;">
<h2>To Extract Area Code From TelePhone Number</h2>
<label>Enter the TelePhone Number</label>
<input type="text" placeholder="Number" id="n"/>
<input type="button" value="Enter" onclick="Check()" />
<p id="results"></p>
</div>

<script>
function Check()
{
var n=document.getElementById("n").value;

var l=n.split("-");
document.getElementById("results").innerHTML = l[0]+" is the area code and "+l[1]+" is the Number";
}
</script>
</body>
</html>
```



7.

HTML CODE :

```
<html>
<head>
  <title>Form Using JavaScript</title>
  <script src="java7.js"></script>
</head>
<body>
  <div style="text-align: center;">
    <h2>Form</h2>
    <div id="error_message"></div>
    <form id="myform" onsubmit="return validate();">
      <div class="input_field">
        <input type="text" placeholder="Name" id="name">
      </div>
      <div class="input_field">
        <input type="text" placeholder="Contact No" id="phone">
      </div>
      <div class="input_field">
        <input type="text" placeholder="Register Number" id="reg">
      </div>
      <div class="input_field">
```

```
<input type="text" placeholder="Personal Email" id="pemail">
</div>
<div class="input_field">
<input type="text" placeholder="Srm Email" id="semail">
</div>
<div class="input_field">
<input type="text" placeholder="Batch" id="batch">
</div>
<div class="btn">
<input type="submit">
</div>
</form>
</div>
</body>
</html>
```

JS CODE :

```
function validate(){
  var name = document.getElementById("name").value;
  var reg = document.getElementById("reg").value;
  var phone = document.getElementById("phone").value;
  var pemail = document.getElementById("pemail").value;
  var semail = document.getElementById("semail").value;
  var error_message = document.getElementById("error_message");

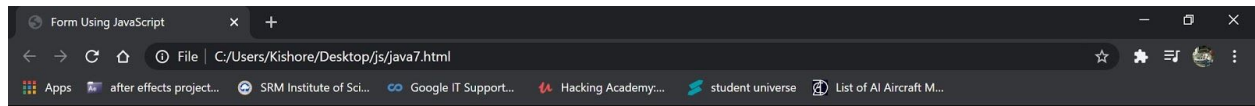
  error_message.style.padding = "10px";

  var text;
  if(name.length < 5){
    text = "Please Enter valid Name";
    error_message.innerHTML = text;
    return false;
  }
  if(reg.length > 15){
    text = "Please Enter valid/Full Register Number";
    error_message.innerHTML = text;
    return false;
  }
  if(reg.indexOf("RA") == -1 || pemail.length < 6){
    text = "Please Enter Register Number Starting with RA";
    error_message.innerHTML = text;
    return false;
  }
}
```

```

}
if(isNaN(phone) || phone.length != 10){
text = "Please Enter valid Phone Number";
error_message.innerHTML = text;
return false;
}
if(pemail.indexOf("@") == -1 || pemail.length < 6){
text = "Please Enter valid Email";
error_message.innerHTML = text;
return false;
}
if(semail.indexOf("@srmist") == -1 || pemail.length < 6){
text = "Please Enter Valid SRM Email";
error_message.innerHTML = text;
return false;
}
alert("Form Submitted Successfully!");
return true;
}

```



Form

Name
Contact No
Register Number
Personal Email
Srm Email
Batch

