

JAVA SCRIPT

for callculation-----

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Document</title>
```

```
</head>
```

```
<body>
```

```
  <form>
```

```
    <label for="num1">Number 1: </label>
```

```
    <input type="text" id="n1" placeholder="Enter the first value "><br>
```

```
    <label for="num2">Number 2: </label>
```

```
    <input type="text" id="n2" placeholder="Enter the second value "><br><br>
```

```
    <input type="button" value="Addition" onclick="add()">
```

```
    <input type="button" value="Substration" onclick="sub()">
```

```
    <input type="button" value="Multiplication" onclick="mul()">
```

```
    <input type="button" value="Division" onclick="div()">
```

```
  </form>
```

```
</body>
```

```
</html>
```

```
<script>
```

```
  function add(){
```

```
    var num1=document.getElementById('n1').value
```

```
    var num2=document.getElementById('n2').value
```

```
var sum=Number(num1)+Number(num2)

    alert(sum)
}
function sub(){
    var num1=document.getElementById('n1').value
    var num2=document.getElementById('n2').value
var a=num1-num2

    alert(a)
}
function mul(){
    var num1=document.getElementById('n1').value
    var num2=document.getElementById('n2').value

    var b=num1*num2

    alert(b)
}
function div(){
    var num1=document.getElementById('n1').value
    var num2=document.getElementById('n2').value

    var c=num1/num2

    alert(c)
}
</script>
```

for checking username

<!DOCTYPE html>

```
<html lang="en">
```

```
<head>
```

```
  <title>Document</title>
```

```
</head>
```

```
<body>
```

```
  <form>
```

```
    <label for="username">Username:</label>
```

```
    <input type="text" id="un" placeholder="Enter the username">
```

```
    <label for="invalid" id="invalid" style="visibility: hidden;">Invalid input</label><br>
```

```
    <input type="button" value="submit" onclick="check()">
```

```
  </form>
```

```
</body>
```

```
</html>
```

```
<script>
```

```
  function check(){
```

```
    var input=document.getElementById('un').value
```

```
    var pattern=/abc/
```

```
    if(input.match(pattern)){
```

```
      alert("correct")
```

```
    }
```

```
    else{
```

```
      document.getElementById('un').style.border="solid red 2px"
```

```
      document.getElementById('invalid').style.visibility="visible"
```

```
      document.getElementById('invalid').style.color="red"
```

```
    }
```

```
  }
```

```
</script>
```

for checking phone no

<!DOCTYPE html>

<html lang="en">

<head> <title>Document</title>

</head>

<body>

<form>

<label for="contactno">Contact no:</label>

<input type="text" id="pno" placeholder="Enter your contact no">

<label for="invalid" id="invalid" style="visibility: hidden;">Invalid phoneno</label>

<input type="button" value="submit" onclick="check()">

</form>

</body>

</html>

<script>

function check(){

var input=document.getElementById('pno').value

var pattern=/^[0][7,5,1][0-24-8][0-9]{7}\$/

if(input.match(pattern)){

alert("correct")

}

else{

document.getElementById('pno').style.border="solid red 2px"

document.getElementById('invalid').style.visibility="visible"

document.getElementById('invalid').style.color="red"

}

}

</script>