Use JavaScript for doing client – side validation of the pages implemented in the experiment

Aim:

■ Use JavaScript for doing client – side validation of the pages implemented in the experiment

Solution:

Client - Side validation of Registration Page

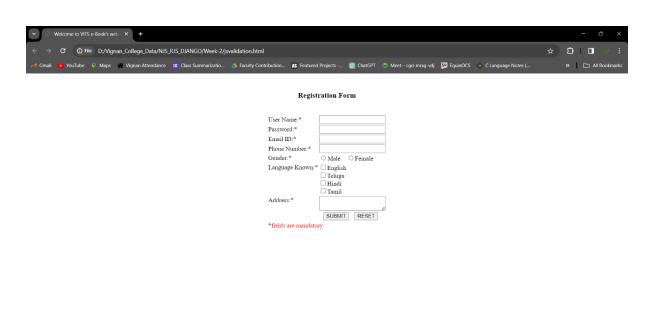
registrationJS.html

```
<html>
<head>
  <title> Welcome to VITS e-Book's website</title>
  <script language="javascript">
  function validate() {
    // username validation
     var uname = f1.username.value:
     if (uname.length<=0)
       alert("Please Enter UserName");
       f1.username.focus();
       return false;
     if (uname.length < 8)
       alert("Please enter UserName not less than 8");
       f1.username.focus();
       return false;
     //password validation
     var pwd = f1.password.value;
     if (pwd.length<=0)
       alert("Please Enter password");
       f1.password.focus();
       return false;
    if (pwd.length < 6)
       alert("Please enter Password not less than 6");
```

```
f1.password.focus();
  return false;
// email validation
var email = f1.email.value;
if (email.length<=0)
  alert("Please Enter email");
  f1.email.focus();
  return false;
else {
  let eflag=false;
  for(i=0;i<email.length;i++) {
     if(email.charAt(i)=="@")
          eflag=true;
     if(!(eflag))
       alert("Please enter a valid Email ID");
       f1.email.focus();
       return false;
// phone number validation
var phno = f1.phno.value;
if (phno.length<=0)
  alert("Please Enter Phone Number");
  f1.phno.focus();
  return false;
if (isNaN(phno))
  alert("Please Enter Valid Phone Number");
  f1.phno.focus();
  return false;
if (phno.length != 10)
  alert("Please Enter Valid Phone Number");
  f1.phno.focus();
  return false:
// gender validation
let flag=false;
for(i=0;i< f1.gen.length;i++)
  if(f1.gen[i].checked)
```

```
flag=true;
   if(!(flag))
   alert("Please choose a Gender");
   return false;
   // Language validation
   flag=false;
   for(i=0;i< f1.lang.length;i++)
     if(f1.lang[i].checked)
       flag=true;
   if(!(flag))
   alert("Please select at least one of the Language options.");
   return false:
   // address validation
   var addr = f1.address.value:
   if (addr.length<=0)
     alert("Please Enter address");
     f1.address.focus();
     return false:
   // to display Success message
   alert("Registration Successful");
 </script>
</head>
<body>
<center><br>
 <h3>Registration Form </h3>
 <br/>
 <form name="f1">
 User Name:*
 <input type="text" name="username">
 Password:*
 <input type="password" name="password">
 Email ID:*
 <input type="text" name="email">
 Phone Number:*
 <input type="text" name="phno">
 Gender:*
 <input type="radio" name="gen" value="Male">Male &nbsp;&nbsp;
  Language Known:*
 <input type="checkbox" name="lang" value="English">English<br/>
 <input type="checkbox" name="lang" value="Telugu">Telugu<br>
 <input type="checkbox" name="lang" value="Hindi">Hindi<br>
```

Output:



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Q Search

