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Internet Programming

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### Experiment no. 7

**Title:** To Create a web pages using JavaScript Validations, Arrays, String, Date Function.

**Problem Definition:** create a web page

**Pre-requisites:** HTML and CSS

**Theory/Procedure:**

JavaScript Form Validation

HTML form validation can be done by JavaScript.

If a form field (fname) is empty, this function alerts a message, and returns false, to prevent the form from being submitted:

**Program:**

```
<!DOCTYPE html>
<html>
  <title>Registration form</title>
  <body>
    <h1>Registration form</h1>
    <div>
      <form name="regform" method="post" onsubmit="validateForm()">

        <label for="name">Name:</label>
        <input name="name" type="text"/><br><br>

        <label for="age">Age:</label>
        <input name="age" type="text"/><br><br>

        <label for="email">Email:</label>
        <input name="email" type="email"/><br><br>

        <label for="address">Address</label>
```

```

<input name="add" type="text"><br><br>

<label for="gender">Gender:</label>
<input type="radio" name="gen">
<label for="male">Male</label>

<input type="radio" name="gen">
<label for="female">Female</label>

<input type="radio" name="gen">
<label for="other">Other</label>
<br><br>

<label for="city">City: </label>
<select name="city" id="city">
  <option value="">Select your city</option>
  <option value="Mumbai">Mumbai</option>
  <option value="Kolkata">Kolkata</option>
  <option value="Banglore">Banglore</option>
  <option value="Delhi">Delhi</option>
</select><br><br>

<label for="hobby">Hobby: </label><br>
<input type="checkbox">
<label for="h1">Reading</label><br>
<input type="checkbox">
<label for="h2">Sports</label><br>
<input type="checkbox">
<label for="h1">Music</label><br><br>

<button type="submit">Submit</button>
</form>
</div>

<script>
  function validateForm()
  {
    var name=document.forms["regform"]["name"].value;
    var age=document.forms["regform"]["age"].value;
    var email=document.forms["regform"]["email"]
    var gn=document.forms["regform"]["gen"];
    var city=document.forms["regform"]["city"]
    if(name==null || name==""){
      alert("Name cannot be blank")
      return false
    }
  }

```

```
    }
    else if (age==null || age==""){
        alert("Age cannot be blank")
        return false
    }
    else if (email==null || email==""){
        alert("Email cannot be blank")
        return false
    }
    else if
((gn[0].checked==false)&&(gn[1].checked==false)&&(gn[2].checked==false)){
        alert("Please enter your gender")
        return false
    }
    else if (city.selectedIndex==0){
        alert("Enter your city")
        return false
    }
}
</script>

</body>
</html>
```

**Output:**

# Registration form

Name:

Age:

Email:

Address

Gender: ☒ Male ☐ Female ☐ Other

City:

Hobby:

☒ Reading

☒ Sports

☐ Music

## Registration form

Name:

Age:

Email:

Address

Gender: ☐ Male ☐ Female ☐ Other

City:

Hobby:

☐ Reading

☐ Sports

☐ Music

### This page says

Age cannot be blank

OK

### Reference:

<https://www.w3schools.com/js>