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Subject of Assignment: Internet Technologies

Practical 6:

Create a form that takes data about a pet. The form must be well designed and should accept the pet's name, age, weight, type, and what it likes most. At the submission of this form create a Pet object in JavaScript filled with these values and log that object and equivalent JSON on the console

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Form </title>
  <!-- css starts from here -->
  <style>
    body {

      background-color: rgb(213, 190, 234);

      background-image: linear-gradient(to right, rgb(74, 181, 220), rgb(28, 76, 153),
rgb(57, 99, 136), rgb(33, 157, 202), blue, indigo, violet);

    }

    .container {
      text-align: center;
      font-size: 20px;
    }

    input {
      border-radius: 5px;
      width: 250px;
      height: 30px;
      text-align: center;
    }

    input,
    h1 {
      margin: auto;
      display: block;
    }

    button {
      background-color: #4b5aa7;
      border-radius: 4px;
```

```

        border: #c0c8f0;
        padding: 10px 14px 10px 14px;

    }

    button:hover {
        /* background-color: #233494; */
        border: 3px solid whitesmoke;

    }

    h1 {
        margin-top: 12px;
        margin-bottom: 32px;
        color: azure;
    }
</style>
<!-- css ends here -->
</head>

<body>
    <div class="container">

        <h1>Pet Information</h1>

        <label for="">Name</label>
        <input type="" name="" id="name" placeholder="Enter your Pet Name" required><br>
        <label for="">Age</label>
        <input type="number" name="" id="age" placeholder="Only integer value" required><br>
        <label for="">Weight</label>
        <input type="number" name="" id="weight" placeholder="In Kg" required><br>
        <label for="">Pet type</label>
        <input type="text" name="" id="type" required><br>
        <label for="">Favourite food</label>
        <input type="text" name="" id="like" required><br>

        <button id="btn" onclick="convertData()">Submit</button>
        <p id="json"></p>

    </div>

    <!-- javascript starts here -->
    <script>

        function convertData() {

            let name = document.querySelector("#name").value;
            let age = document.querySelector("#age").value;
            let weight = document.querySelector("#weight").value;
            let type = document.querySelector("#type").value;
            let likes = document.querySelector("#like").value;

            if (name == "" || age == "" || weight == "" || type == "" || likes == "") {
                alert("Please Fill all the fields");
            }
            else {

                var Myobject = {
                    Name: name,
                    Age: age,

```

```

        Weight: weight,
        Type: type,
        Likes: likes
    };

    console.log(Myobject)

    var myjson = JSON.stringify(Myobject);

    console.log("-----");
    console.log("Object into json")
    console.log("-----");

    console.log(myjson)

    document.getElementById("json").innerHTML = "Json Output <br> <br>" + myjson

    }
}

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

```

OUTPUT:

Pet Information

Name
Avinash singh

Age
20

Weight
80

Pet type
Dog

Favourite food
Banana

Submit

Json Output

```
{
  "Name": "Avinash singh",
  "Age": "20",
  "Weight": "80",
  "Type": "Dog",
  "Likes": "Banana"
}
```

Console:

```
{"notify":"init_tab"}
▶ {Name: 'Avinash singh', Age: '20', Weight: '80', Type: 'Dog', Likes: 'Banana'}
-----
Object into json
-----
{"Name":"Avinash singh","Age":"20","Weight":"80","Type":"Dog","Likes":"Banana"}
> |
```