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Roll No.: **21BCE221**

Section/Batch: **C/C3**

Subject: **Web Technologies**

Course Code: **2CS405**

Practical: **8**

Question:

| 8. | Design a student registration form using AngularJS and apply number, uppercase, and lowercase filters to the appropriate fields. |

8]

```html
<!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>SpaceX | Space Ride</title>

    <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>


    <style>

        @import
url('https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,400;1,800&display=swap');

        :root
        {
            --bg: rgb(0, 0, 40);
        }
```

```css
*
{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
    font-weight: 400;
    scroll-behavior: smooth;
}

body
{
    background-color: var(--bg);
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    padding: 50px;
    height: auto;
    background-image: linear-gradient(rgba(0, 0, 255, 0.278),rgba(0, 0, 0, 0.267)),
url("spacex.jpg");
    background-size: cover;
    color: white;
}

img
{
    width: 200px;
}

.line
{
    display: grid;
    grid-template-columns: 1fr 1fr;
    align-items: center;
    gap: 50px;
    justify-content: space-between;
    color: rgba(255, 255, 255);
    width: 100%;
}

.form-container
{
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    width: 100%;
}

input
{
```

```css
    padding: 10px 20px;
    margin: 10px;
    border: hidden;
    border-radius: 20px;
}

.radio
{
    display: flex;
    flex-direction: row;
    align-items: center;
    justify-content: space-between;
    padding: 10px 20px;
    margin: 10px;
    border-radius: 20px;
    border: hidden;
    background-color: white;
    color: black;
}

select
{
    padding: 10px 20px;
    margin: 10px;
    border-radius: 20px;
    border: hidden;
    background-color: white;
    color: black;
}

.details
{
    padding: 10px 20px;
    margin: 10px;
    background-color: rgba(0, 0, 49, 0.5);
    color: white;
    border-radius: 20px;
}

.btn
{
    text-decoration: none;
    color: white;
    background-color: rgb(255, 94, 0);
    display: flex;
    align-items: center;
    justify-content: center;
    padding: 10px;
    border-radius: 20px;
}

.btn:hover
```

```html
        {
            background-color: rgb(255, 80, 0);
        }

    </style>

</head>
<body ng-app = "app" ng-controller="ctrl">

    <div class="form-container">

        <div class="line">
            <input type="text" placeholder="First Name" ng-model="firstname">
            <p class="details">First Name : {{firstname | uppercase }}</p>
        </div>

        <div class="line">
            <input type="text" placeholder="Last Name" ng-model="lastname">
            <p class="details">Last Name : {{ lastname | uppercase }}</p>
        </div>

        <div class="line">
            <input type="number" placeholder="Contact Number" ng-model="contact">
            <p class="details">Contact Number : {{ contact | limitTo:10 }}</p>
        </div>

        <div class="line">
            <input type="email" name="email" id="email" placeholder="Email ID" ng-
model="email">
            <p class="details">Email : {{ email | lowercase}}</p>
        </div>

        <div class="line">
            <div class="radio">
                <label for="gender"> Gender </label>
                <div class="radio1">
                    <input type="radio" name="Gender" value="Male" ng-model="gender">
                    <label for="male">Male</label>
                </div>

                <div class="radio2">
                    <input type="radio" name="Gender" value="Female" ng-model="gender">
                    <label for="female">Female</label>
                </div>

            </div>
            <p class="details">Gender : {{ gender }}</p>
        </div>


        <div class="line">
            <select name="planet" ng-model="planet">
```

```html
                <option value="None" disabled selected value>Select Planet</option>
                <option value="Mercury">Mercury</option>
                <option value="Venus">Venus</option>
                <option value="Earth">Earth</option>
                <option value="Mars">Mars</option>
                <option value="Jupiter">Jupiter</option>
                <option value="Saturn">Saturn</option>
                <option value="Uranus">Uranus</option>
                <option value="Neptune">Neptune</option>
                <option value="Pluto">Pluto</option>
            </select>

            <p class="details">Trip to Planet : {{ planet }}</p>
        </div>

        <div class="line">
            <input type="date" name="date" id="date" placeholder="Date of Trip" ng-
model="date">
            <p class="details">Date of Trip : {{ date | date : "dd-MMMM-y" }}</p>
        </div>

        <div class="line">
            <input type="number" name="weight" id="weight" placeholder="Carrying Weight(kg)"
ng-model="weight">
            <p class="details">Weight : {{ weight | limitTo:5 }}</p>
        </div>

        <div class="line">
            <p class="details" ng-model="cost">Total Cost : {{ weight*100 | currency}} </p>
            <a href="https://www.spacex.com/human-spaceflight/" class="btn">Confirm</a>
        </div>
    </div>


    <script>

        let app = angular.module('app', []);

        app.controller('ctrl', function($scope) {

            $scope.gender = "Male"
        });

    </script>


</body>
</html>
```

Output: