2. Create a form with basic validation (name, email, phone number, password, age, gender, date, color picker)

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Bignor Survey Form</title>
</head>
<style>
    body {
        box-sizing: border-box;
    }

    .container {
        height: 600px;
        width: 400px;
        border: 2px solid black;
        margin-left: 600px;
        margin-top: 50px;
        background-color: blue;
        border-radius: 10px;
    }

    .form {

        margin-left: 30px;
        font-weight: bold;
        font-size: 20px;
        color: white;


    }

    .form label {
        margin-left: 30px;
    }
```

```css
#username {
    padding: 5px;
    margin: 20px;
}

#address {
    padding: 5px;
    margin: 20px;
}

#email {
    padding: 5px;
    margin: 20px;
}

#number {
    padding: 5px;
    margin: 20px;
}

#information {
    padding: 50px;
    margin-top: 10px;

    width: 250px;
}

h1 {
    text-align: center;
    color: white;
}

h2 {
    text-align: center;
}

.btn {
    height: 30px;
    width: 200px;
    text-align: center;
```

```html
        font-weight: bold;
        border-radius: 10px;
        margin-top: 30px;
        margin-left: 70px;
        background-color: rgb(0, 0, 0);
        color: white;
    }

    .btn:hover {
        background-color: white;
        color: black;
    }
</style>

<body>

    <div class="container">
        <h1>Form</h1>
        <form class="form">
            <label for="username">Username:</label>
            <input type="text" id="username" name="username"
placeholder="Enter your username">
            <br>
            <label for="password">Password:</label>
            <input type="text" id="address" name="address"
placeholder="Enter your password">
            <br>
            <label for="email">Email:</label>
            <input type="text" id="email" name="email" placeholder="Enter
your email">
            <br>
            <label for="number">Number:</label>
            <input type="text" id="number" name="number"
placeholder="Enter your username">
            <br>
            <label>Gender<label>
                    <select option="Gender" name="Gender"></option>
                        <option value="Male" name="Male">Male</option>
                        <option value="Female"
name="Female">Female</option>
```

```html
                    </select>
                    <br><br>
                    <label for="date">Date:</label>
                    <input type="date" id="date" name="date"><br><br>
                    <label for="Age">Age:</label>
                    <input type="date" id="months" name="date"><br><br>
                    <label for="favcolor">Color Picker:</label>
                    <input type="color" id="cpicker" name="cpicker"
value="#ff0000">

                    <button class="btn">submit</button>


        </form>
    </div>
</body>


</html>
```