

Excercise3

Html:

```
<html lang="en">
<head>
<title>Form</title>
<link rel="stylesheet" href="styleform.css">
</head>
<body>
<div class="container">
<h2>Form 1</h2>
<h3>Registration Details</h3>
<form id="registrationForm" onsubmit="validateForm(event)">
<label for="name">Name:</label>
<input type="text" id="name" required>
<label for="phone">Phone Number:</label>
<input type="tel" id="phone" required>
<label for="email">Email ID:</label>
<input type="email" id="email" required>
<label for="password">Password:</label>
<input type="password" id="password" required>
<button type="submit">Submit</button>
</form>
<div id="errorMessages"></div>
</div>
<script src="formvalidate.js"></script>
</body>
</html>
```

Css:

```
body {
  background-color:#fdfeff;
  font-family:Georgia, 'Times New Roman', Times, serif;
}
.container {
  background-color: #89f2fc ;
  max-width: 600px;
  margin: 0 auto;
  padding: 50px;
  border: 5px solid #050000;
  border-radius: 5px;
}
h2{
  color: #350d54 ;
  text-align:center;
  font-family:Georgia, 'Times New Roman', Times, serif;
}
h3{
```

```

color: #4f1182 ;
font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}
label, input, button {
color: #083ac1;
display: block;
margin-bottom: 10px;
}
button {
background-color: #c3f2b5;
cursor: pointer;
}
#errorMessages {
color: rgb(185, 4, 4);
margin-top: 10px;
}

```

Javascript:

```

function validateForm(event) {
  event.preventDefault();
  const name = document.getElementById("name").value.trim();
  const phone = document.getElementById("phone").value.trim();
  const email = document.getElementById("email").value.trim();
  const password = document.getElementById("password").value;
  const errorMessages = document.getElementById("errorMessages");
  errorMessages.innerHTML = "";
  const nameRegex = /^[a-zA-Z\s]+$/;
  const phoneRegex = /^\d{10}$/;
  const emailRegex = /^[^\s@]+@[^\s@]+\.[a-zA-Z]{2,3}$/;
  let errors = [];
  if (!name || !name.match(nameRegex)) {
    errors.push("Please enter a valid name.");
  }
  if (!phone || !phone.match(phoneRegex)) {
    errors.push("Please enter a valid 10-digit phone number.");
  }
  if (!email || !email.match(emailRegex)) {
    errors.push("Please enter a valid email address.");
  }
  if (password.length < 6) {
    errors.push("Password must be at least 6 characters long.");
  }
  if (errors.length > 0) {
    errors.forEach(error => {
      const errorMessage = document.createElement("p");
      errorMessage.textContent = error;
      errorMessages.appendChild(errorMessage);
    });
  } else {
    alert("Form submitted successfully!");
  }
}

```

```
document.getElementById("registrationForm").reset();  
}  
}
```

Form 1

Registration Details

Name:

Phone Number:

Email ID:

Password: