MAJOR PROJECT-FORM VALIDATION

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>form validation</title>

<link rel="stylesheet" href="style.css">


</head>

<body>

<div class="container">

<form action="" id="form" >

<h1>REGISTER</h1>

<div class="input-group">

<label for="Fullname">Fullname</label>

<input type="text" id="Fullname" name="Fullname">

<div class="error"></div>

</div>

<div class="input-group">

<label for="email">email</label>

<input type="text" id="email" name="email" >

<div class="error"></div>
```

```html
 </div>

<div class="input-group">

<label for="Phone number">Phone number</label>

            <input type="text" id="Phone number" name="Phone number" >

<div class="error" ></div>

</div>

<div class="input-group">

<label for="password">password</label>A

<input type="password" id="password" name="password" >

<div class="error"></div>

</div>

<div class="input-group">

<label for="cPassword">Confrim password</label>

<input type="password" id="cPassword" name="cPassword" >

<div class="error"></div>

</div>

<button type="submit">Register</button>

</form>

</div>

<script src="add.js"></script>


</body>

</html>
```

```css
body{ background: rgb(34,193,195); background- image: linear-

gradient(120deg,#e2c35d,#d88771); background-attachment:

fixed; margin: 0; font-family: 'poppins',sans-serif;


}
#form{


width: 350px; margin: 10vh

auto 0 auto; background-color:

whitesmoke; border-radius:

5px; padding: 30px;

}


h1{ text-align:

center;

color:#d88771;

}
h3{

color:#d88771; }

#form    button{   background-

color:#d88771; color:

white; border: 1px solid

#d88771; padding: 10px;

margin: 20px 0px; border-
```

```css
radius: 5px; cursor: pointer;

width: 100%; font-size:

20px;

}

.input-group{

display: flex; flex-

direction: column; margin-

bottom: 10px;



}



.input-group input{ border-

radius: 5px; font-size: 20px;

margin-top: 5px; padding:

10px; border:1px solid

rgb(34,193,195)

}

.input-group input:focus{ outline:

0;

}



.input-group.error{

color:red; font-size:
```

16px; margin-top:

3px;

} .error{

color:red;

}

.input-group.Success input{ background-

color: #0cc477;

}

.input-group.Error input{ background-

color: rgb(206,67,67);

}

ADD.JS:

```
const form=document.querySelector('#form'); const

fullname=document.querySelector('#fullname'); const

email=document.querySelector('#email'); const

phonenumber=document.querySelector('#phonenumber'); const

password=document.querySelector('#password'); const

cpassword=document.querySelector('#cpassword');


form.addEventListener('submi',(e)=>{

e.preventDefault();

validateInputs();

})
```

```
function validateInputs(){ const fullnameVal=
fullname.value.trim(); const
emailVal=email.value.trim(); const
phonenumberVal=phonenumber.value.trim(); const
passwordVal=password.value.trim(); const
cpasswordVal=cpassword.value.trim();

if(fullnameVal===''){
setError(fullname,'fullname is required')

}
else{
setSuccess(fullname)
}
if(emailVal===''){
setError(email,'email is required')
} else
if(
!validateEmail(emailVal)){
setError(email,'please enter valid email')
}
else{
setSuccess(email);
}
```

```
if(passwordVal===''){

setError(password,'password is required')


}

else if(passwordVal.length<6){

setError(password,'password must be atleast 6 characters');

} else{

setSuccess(password); }




if(cpasswordVal===''){

setError(cpassword,'confrim password is required')


}

else if(cpasswordVal!==passwordVal ){

setError(password,'password does not match');

}

else{

setSuccess(cpassword);

}

}
```

```javascript
function setError(element,message){ const

inputGroup=element.parentElement; const

errorElement=inputGroup.querySelector('.error');


errorElement.innerText=message;

inputGroup.classList.add('error')

inputGroup.classList.remove('success')

}

function setSuccess(element){ const

inputGroup=element.parentElement; const

errorElement=inputGroup.querySelector('.error')


errorElement.innerText='';

inputGroup.classList.add('success')

inputGroup.classList.remove('error')


}

const validateEmail=(email)=>{

return String(email)

.toLowerCase()

    .match(/^[a-zA-Z0-9. _-]+@[a-zA-Z0-9. -]+\. [a-zA-Z]{2,4}$/ );

};
```

REGISTER

Fullname

krish

email

krish54gmailcom

email id is not valid

Phone number

enter your number

password

password must be atleat 6 charater

Confrim password

password does not match

Register

REGISTER

Fullname

krish

email

krish54@gmail.com

Phone number

9588645721

password

password must be atleat 6 charater

Confrim password

password does not match

Register

REGISTER

Fullname

krish

email

krish54@gmail.com

Phone number

9588645721

password

●●●

password must be atleat 6 charater

Confrim password

password does not match

Register

REGISTER

Fullname

krish

email

krish43@gmail.com

Phone number

88645721

password

●●●●●●

Confrim password

●●●●●

password does not match

Register

REGISTER

Fullname

krish

email

krish54@gmail.com

Phone number

88645721

password

••••••

Confrim password

••••••

Register