MAJOR PROJECT-FORM VALIDATION

```html
<!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>
```

STYLE.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();

})

```javascript
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);
   }
```

```javascript
   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