

## Code:

### index.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>Experiment No. 04</title>
  <style>
    h1 {
      text-align: center;
    }
    form {
      display: flex;
      flex-direction: column;
      justify-content: center;
      align-items: center;
    }
    input {
      font-size: 17px;
      display: block;
      width: 50%;
      padding: 5px 14px;
      margin: 6px 15px;
    }
  </style>
</head>
<body>
  <h1>Form</h1>
  <form action="">
    <input type="text" placeholder="Name" id="name">
    <input type="text" placeholder="Email" id="email">
    <input type="number" placeholder="Phone Number" id="phone_no">
    <input type="text" placeholder="Username" id="username">
    <input type="password" placeholder="password" id="password">
```

```
        <input type="button" onclick="getdata()" value="submit">
    </form>

    <script src="form.js"></script>
</body>
</html>
```

---

## **form.js**

---

```
class validation{
    constructor(name, email, phone_no, username, password){
        this.name = name
        this.email = email
        this.phone_no = phone_no
        this.username = username
        this.password = password
    }

    data_validation(){
        // name Validation
        if(typeof this.name != "string" ){
            alert("Enter name properly!")
        }
        else if(this.email.includes("@") == false){
            alert("Invalid Email!")
        }
        else if(this.phone_no.toString().length != 10){
            alert("Enter 10-digit Phone Number")
        }
        else if(this.username.length <4){
            alert("Minimum 4 chracters required!")
        }
        else if(this.password.length <10){
            alert("Minimum 10 charcters required!")
        }
        else{
```

```
        alert(`user has successfully register with username = ${this.username} and password =  
        ${this.password}`)  
    }  
}  
}
```

```
function getdata(){  
    var name = document.getElementById("name").value;  
    var email = document.getElementById("email").value;  
    var phone_no = document.getElementById("phone_no").value;  
    var username = document.getElementById("username").value;  
    var password = document.getElementById("password").value;  
  
    console.log(name)  
    var validate = new validation(name, email, phone_no, username, password)  
    validate.data_validation()  
}
```

## Output:

### Form

Aditya Prakash Waskar
adityawaskar03gmail.com
985625452
aditya
.....
submit

127.0.0.1:5500 says

Invalid Email!

OK

Aditya Prakash Waskar
adityawaskar03gmail.com
985625452
aditya
.....
submit

127.0.0.1:5500 says

Enter 10-digit Phone Number

OK

Aditya Prakash Wash

adityawaskar03@gmail.com

985625452

aditya

.....

submit

127.0.0.1:5500 says

Minimum 10 charcters required!

OK

Aditya Prakash Wash

adityawaskar03@gmail.com

9856254523

aditya03

.....

submit

127.0.0.1:5500 says

user has successfully register with username = aditya03 and password = aditya500670

OK

Aditya Prakash Wash

adityawaskar03@gmail.com

9856254523

aditya03

.....

submit