EXP 4 –

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`)

}

}//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;

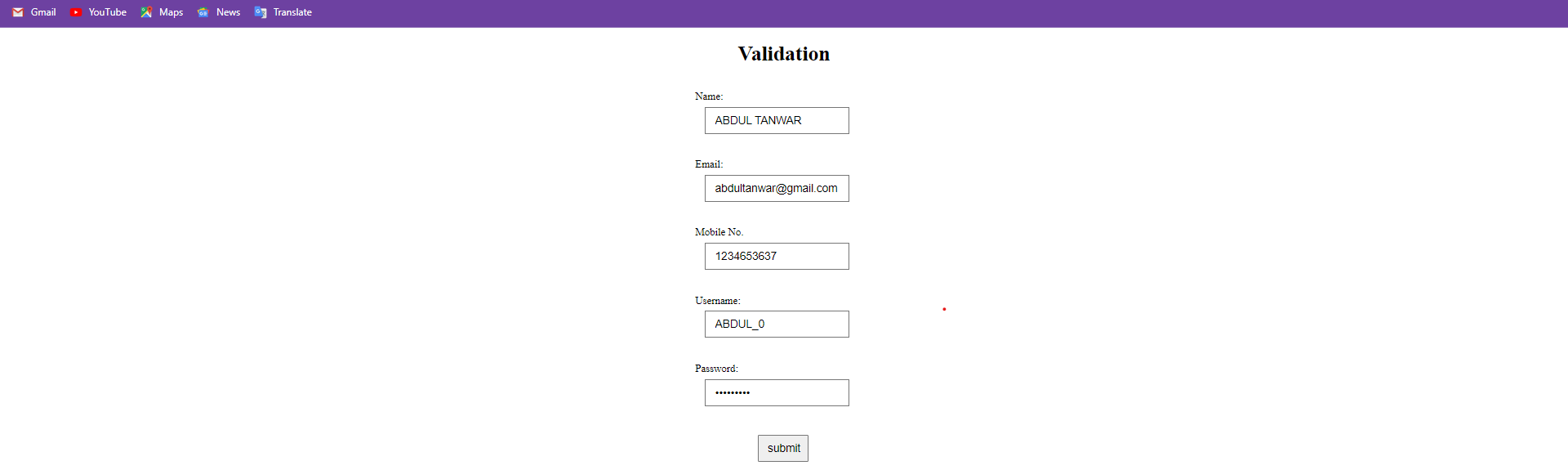
console.log(name)

var validate = new validation(name, email, phone\_no, username, password)

validate.data\_validation()

}

OUTPUT –



EXP 5 –

<!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>IP INHERITANCE</title>

<style>

h1{

margin: 0 647px;

margin-top: 20px;

}

form{

width: 100%;

height: 100vh;

display: flex;

flex-direction: column;

margin-top: 50px;

/\* justify-content: center; \*/

align-items: center;

}

input{

margin: 7px 0px;

padding: 4px 15px;

display: block;

font-size: 16px;

width: 420px;

}

</style>

</head>

<body>

<h1>Student Details</h1>

<form action="#" method="post" id="delInfo">

<input type="text" id="name" placeholder="Enter your name">

<input type="number" id="roll\_no" placeholder="Enter your Roll No">

<input type="number" id="sub\_1" placeholder="Enter subject1 marks">

<input type="number" id="sub\_2" placeholder="Enter subject2 marks">

<input type="number" id="sub\_3" placeholder="Enter subject3 marks">

<input type="number" id="sub\_4" placeholder="Enter subject4 marks">

<input type="number" id="sub\_5" placeholder="Enter subject5 marks">

<input type="number" id="extra\_curriculum" placeholder="Enter Extra-curriculum marks">

<input type="button" onClick="get\_data()" value="Submit">

</form>

<script src="EXP5.js"></script>

</body>

</html>

function get\_data(){

var name = document.getElementById("name").value;

var roll\_no = document.getElementById("roll\_no").value;

var sub\_1 = document.getElementById("sub\_1").value;

var sub\_2 = document.getElementById("sub\_2").value;

var sub\_3 = document.getElementById("sub\_3").value;

var sub\_4 = document.getElementById("sub\_4").value;

var sub\_5 = document.getElementById("sub\_5").value;

var extra\_curriculum = document.getElementById("extra\_curriculum").value;

let sumit = new Extra\_curriculum(name, parseInt(roll\_no), parseInt(sub\_1), parseInt(sub\_2), parseInt(sub\_3), parseInt(sub\_4), parseInt(sub\_5), parseInt(extra\_curriculum));

sumit.info()

a = sumit.show\_avg()

sumit.show\_extra\_curiculum(extra\_curriculum)

document.write(`Average Marks : ${a}`)

}

class Class{

constructor(name,roll\_no,sub\_1,sub\_2,sub\_3,sub\_4,sub\_5, extra\_curriculum\_marks){

this.name= name;

this.roll\_no= roll\_no;

this.sub\_1= sub\_1;

this.sub\_2= sub\_2;

this.sub\_3= sub\_3;

this.sub\_4= sub\_4;

this.sub\_5= sub\_5;

this.extra\_curriculum\_marks = extra\_curriculum\_marks

}

info(){

document.write(`<br><h1><b>Student Information</b></h1>

Name : ${this.name}<br>

Subject 1: ${this.sub\_1}<br>

Subject 2: ${this.sub\_2}<br>

Subject 3: ${this.sub\_3}<br>

Subject 4: ${this.sub\_4}<br>

Subject 5: ${this.sub\_5}<br>`)

}

}

class Student extends Class{

constructor(name,roll\_no,sub\_1,sub\_2,sub\_3,sub\_4,sub\_5, extra\_curriculum\_marks){

super(name,roll\_no,sub\_1,sub\_2,sub\_3,sub\_4,sub\_5, extra\_curriculum\_marks);

}

show\_avg(){

var avg = (this.sub\_1+this.sub\_2+this.sub\_3+this.sub\_3+this.sub\_4) / 5;

return avg

}

}

class Extra\_curriculum extends Student{

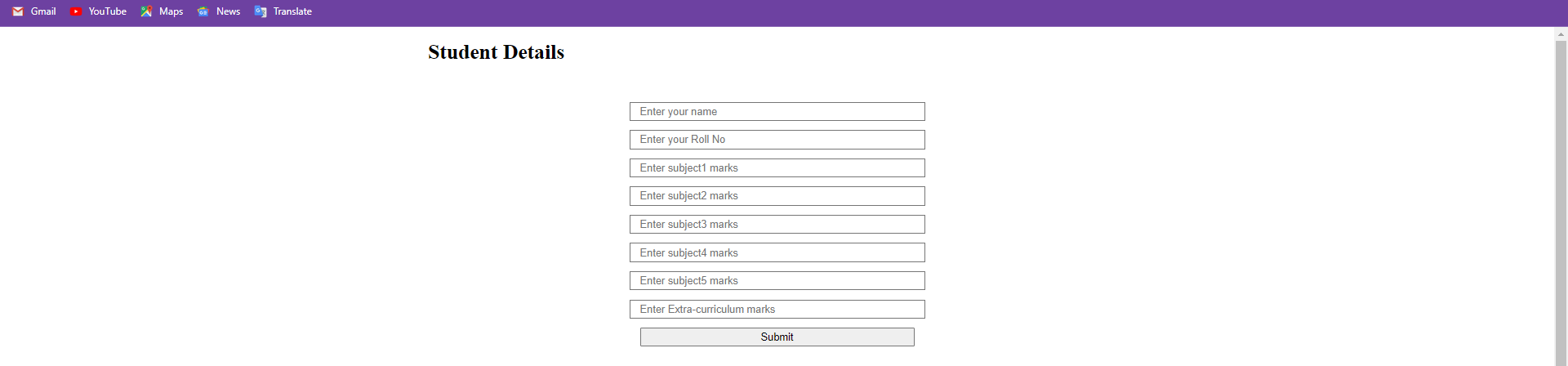
show\_extra\_curiculum(){

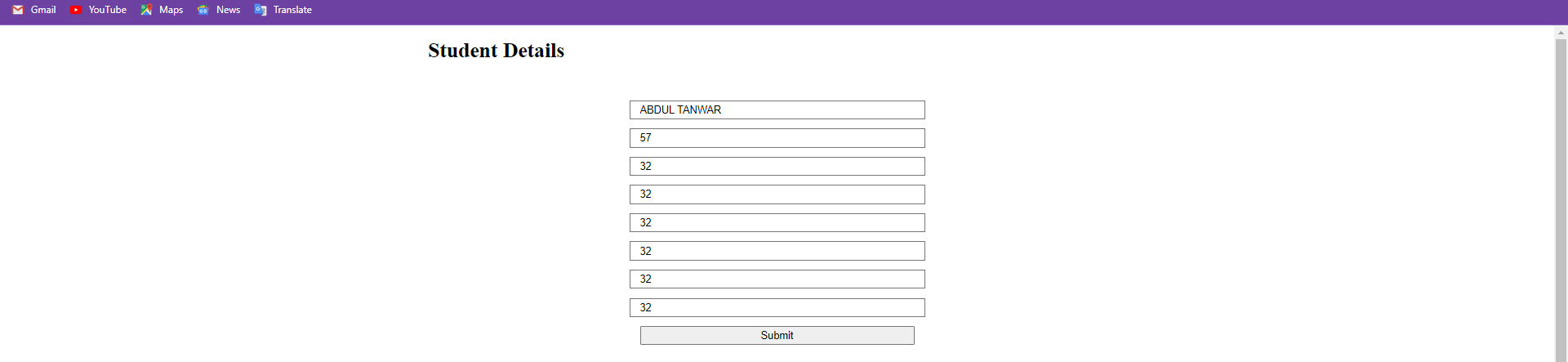
document.write(`Extra-curriculum activity marks : ${this.extra\_curriculum\_marks} <br>`)

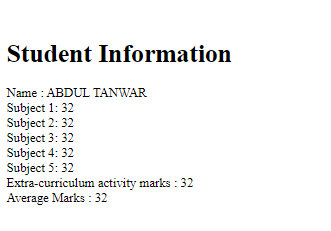
}

}

OUTPUT –







EXP 06 –

<!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>Document</title>

<script src="exp6.js"></script>

</head>

<body>

<input id="x" type="number" placeholder="x">

<input id="y" type="number" placeholder="y">

<button onclick="fun()">Click</button>

</body>

</html>

const fun = () =>{

var promise = new Promise(function(resolve, reject) {

let x=document.getElementById('x').value

let y=document.getElementById('y').value

if(x === y) {

resolve();

} else {

reject();

}

});

promise.

then(function () {

document.write('PIYUSH');

document.write("<br>");

}).

catch(function () {

document.write('Some error has occurred to add ABDUL ');

document.write("<br>");

});

document.write("End of Experiment")

document.write("<br>");

names = ['PIYUSH','YASH','ABDUL']

names.map((d)=>{

if (d=='tejas'){

setTimeout(()=>{

document.write(d)

document.write("<br>");

},100);

}

else{

document.write(d)

document.write("<br>");

}

})

}

OUTPUT –

