**DB \_ PHP:**

Connection.php

<?php

$fname = $\_POST['fname'];

$reg\_no = $\_POST['reg\_no'];

$host = "localhost";

$user = "root";

$password = '';

$db\_name = "form";

$con = mysqli\_connect($host,$user,$password,$db\_name);

$sql = "insert into reshma(fname,reg\_no) values('$fname','$reg\_no')";

if(mysqli\_query($con,$sql))

echo "student details added";

else

echo "Connection failed";

?>

Form.php

<!DOCTYPE html>

<html>

<body>

<form action = "connection.php" method = "POST">

<input type = "text" name = "fname" required>

<input type = "text" name = "reg\_no" required>

<input type = "submit" value = "Submit">

</form>

</body>

</html>

**ANGULAR JS:**

Filter.html

<!doctype html>

<html>

<script src = "angular.min.js">

</script>

<body>

<div ng-app = "myApp" ng-controller = "myCtrl">

<p>First name is {{firstname | uppercase}}</p>

<p>Last name is {{lastname | lowercase}}</p>

<p>Score is {{score | currency}}</p>

<p>Date is {{date\_s | date}}</p>

<p><input type = "text" ng-model = "test"></p>

<ul>

<li ng-repeat = "x in fruits | filter : test">

{{x}}

</li>

</ul>

<ul><p>end</p>

<li ng-repeat = "x in fruits | filter : 'r'">

{{x}}

</li>

</ul>

</div>

<script>

angular.module('myApp',[])

.controller('myCtrl',function($scope)

{

$scope.firstname = "Reshma",

$scope.lastname = "19IT077",

$scope.score = 4,

$scope.fruits = ['apple','orange','banana','grapes','mango'];

$scope.date\_s = new Date();

});

</script>

</body>

</html>

Events.html

<!DOCTYPE html>

<html>

<script src = "angular.min.js">

</script>

<body>

<div ng-app ="myApp" ng-controller ="myCtrl">

<h1 ng-mousemove = "count = count + 1">mouse over me! </h1>

{{count}}<br>

<button ng-click = "count\_1 = count\_1 + 50">click me!</button><br>

{{count\_1}}

<h1 ng-mousedown = "count\_2 = count\_2 +5"> click me!</h1><br>

{{count\_2}}

<h1 ng-mouseup = "count\_3 = count\_3 +100"> click me!</h1>

{{count\_3}}

</div>

<script>

angular.module("myApp",[])

.controller('myCtrl',function($scope){

$scope.count=0,

$scope.count\_1=0,

$scope.count\_2=0;

$scope.count\_3=0;

});

</script>

</body>

</html>

**NODE JS:**

Calc1.js

const info = require('./calc2');

console.log(info);

info.add(5,2);

info.sub(5,2);

info.prd(5,2);

info.mod(5,2);

info.square(8);

Calc2.js

function add(a1,a2){

sum = a1+a2;

console.log('Sum = '+sum);

}

function sub(a1,a2){

dif = a1-a2;

console.log('Difference = '+dif);

}

function square(a1){

sq = a1\*a1;

console.log('Square = '+sq);

}

function prd(a1,a2){

mul = a1\*a2;

console.log('Product = '+mul);

}

function mod(a1,a2){

modulus = a1%a2;

console.log('Mod = '+modulus);

}

module.exports.add=add;

module.exports.sub=sub;

module.exports.prd=prd;

module.exports.mod=mod;

module.exports.square=square;

**DB CONNECTION**

Dbcon.js

var mysql = require('mysql');

var con = mysql.createConnection({

host :"localhost",

user : "root",

password : ""

});

con.connect(function(err){

if (err) throw err;

console.log("connected!");

});

Dbcreate.js

var mysql = require('mysql');

var con = mysql.createConnection({

host : "localhost",

user :"root",

password : ''

});

con.connect(function(err){

if (err) throw err;

console.log('Connected!');

con.query("CREATE DATABASE students" ,function(err,result){

if (err) throw err;

console.log("DB created!");

});

});

Tblcreate.js

var mysql = require('mysql');

var con = mysql.createConnection({

host : "localhost",

user : "root",

password : "",

database : "students"

});

con.connect(function(err){

if(err) throw err;

console.log("Connected!");

con.query("CREATE TABLE info(name varchar(15),reg varchar(10))",function(err,result){

if (err) throw err;

console.log("Table created!!")

});

});

Insert.js

var mysql = require('mysql');

var con = mysql.createConnection({

host : "localhost",

user : "root",

password : "",

database : "students"

});

con.connect(function(err){

if (err) throw err;

console.log("connected!");

con.query("insert into info(name,reg) values('reshma','19IT077')",function(err,results,fields){

if(err) throw err;

console.log("1 row inserted !");

});

});

Display.js

var mysql = require('mysql');

var con = mysql.createConnection({

host : "localhost",

user : "root",

password : "",

database : "students"

});

con.connect(function(err){

if (err) throw err;

console.log("connected!");

con.query("insert into info(name,reg) values('jayasree','19IT038')",function(err,results,fields){

if(err) throw err;

console.log("1 row inserted !");

});

con.query("select \* from info",function(err,result,fields){

if (err) throw err;

console.log(result);

});

con.query("select \* from info",function(err,result,fields){

if(err)throw err;

console.log(fields);

});

});