**CODE:**

function calculate\_age(dob) {

var diff = Date.now() - dob.getTime();

var age = new Date(diff);

return Math.abs(age.getUTCFullYear() - 1970);

}

var profile =[{"Name":"Kavitha","City":"TamilNadu","DOB":"1990/09/09","Phone number":"9876567898"},

{"Name":"Kavin","City":"Kerala","DOB":"2010/10/10","Phone number":"9856768545"},

{"Name":"Seetha","City":"Kerala","DOB":"1998/11/11","Phone number":"9845435267"},

{"Name":"Senu","City":"Karnataka","DOB":"1987/12/12","Phone number":"9867543456"}]

var Malls = [{"MallName":"RKG mall,Fun Mall,Super mall","City":"TamilNadu","AgeLimit":29},

//{"MallName":"Fun Mall","City":"TamilNadu","AgeLimit":18},

{"MallName":"Riveraa Mall,Zee mall,Superior mall,VIP mall","City":"Kerala","AgeLimit":20},

//{"MallName":"Abacus Mall","City":"Kerala","AgeLimit":24},

//{"MallName":"Super Mall","City":"TamilNadu","AgeLimit":21},

//{"MallName":"Zee Mall","City":"Kerala","AgeLimit":21},

{"MallName":"ASS Mall,Marina mall,Supreme mall","City":"Karnataka","AgeLimit":23}]

//{"MallName":"Marina Mall","City":"Karnataka","AgeLimit":20}]

console.log(Malls)

for(pro in profile )

{

var date = profile[pro].DOB.split("/")

// var dd = parseInt(date[2]);

// var mm = parseInt(date[1]);

// var yyyy = parseInt(date[0]);

// console.log(yyyy)

// console.log(mm)

// console.log(dd)

// var age = calculate\_age(new Date(yyyy,mm,dd))

var age = calculate\_age(new Date((parseInt(date[0])) , (parseInt(date[1])) , (parseInt(date[2]))));

//console.log(age)

var name = profile[pro].Name

//console.log(name)

var city = profile[pro].City

//console.log(city)

var arr = []

for (mall in Malls)

{

if(city == Malls[mall].City && age >= Malls[mall].AgeLimit)

{

arr.push(Malls[mall].MallName)

}

}

//console.log(arr)

if(arr.length > 0)

{

console.log(name + " can visit "+arr.join(",")+ " in " +city)

}

else

{

console.log(name +" has no malls to visit " + ". " +"Your age is " + age + " it is not in the range" )

}

}