**Assignment 3**

**Ans to the question no: 1**

function showresults() {

    var name = document.getElementById('Name').value

    var marks = parseInt(document.getElementById('TotalMark').value)

    var grade = ""

 if (marks > = 90 % ) {

        grade = 4.00

    }

    else if (marks > = 85 % && marks <= 90 %) {

        grade = 3.70

    }

    else if (marks > = 80 % && marks <= 85 %) {

        grade = 3.30

    }

    else if (marks > = 75 % && marks <= 80 %) {

        grade = 3.00

    }

    else if (marks > = 70 % && marks <= 75 %) {

        grade = 2.70

    }

    else if (marks > = 65 % && marks <= 70 %) {

        grade = 2.30

    }

    else if (marks > = 60 % && marks <= 65 %) {

        grade = 2.00

    }

    else if (marks > = 55 % && marks <= 60 %) {

        grade = 1.70

    }

    else if (marks > = 50 % && marks <= 55 %) {

        grade = 1.30

    }

    else if (marks <= 50 %) {

        grade = 1.00

    }

    else {

        grade = 0

    }

    document.getElementById('show').innerText = "final result: " + name + grade

}

**Ans to the question no: 2**

function showdetails() {

    var name = document.getElementById('Name').value

    var cgpa = parseInt(document.getElementById('CoursesTaken').value)

    var credits completed = parseInt(document.getElementById(' CreditsCompleted ').value)

    var discount

    if (cgpa > 3.5 && credits completed > 50) {

        discount = 200

    }

    else if (cgpa > 3.2 && credits completed > 40) {

        discount = 150

    }

    else if cgpa > 3 && credits completed > 25) {

        discount = 100

    }

    else {

        discount = 0

    }

    document.getElementById('show').innerText = "total payable tution fees: " + name

}

**Ans to the question no: 3**

function showdetails() {

    var courses = parseInt(document.getElementById('CoursesTaken').value)

    var fees = parseInt(document.getElementById('FeesPerCourse').value)

    var total = courses \* fees

    var discount

    if (total > 60000 || courses > 5) {

        discount = (total \* .20)

        library = discount + 1000

    }

    else if (total > 50000 || courses > 4) {

        discount = (total \* .15)

        library = discount + 2000

    }

    else if (total > 10000 || courses > 3) {

        discount = (total \* .10)

        library =discount + 3000

    }

    else {

        discount = .05

        library =discount + 4000

    }

    var payable = total - discount

    document.getElementById('show').innerText = "total payable tution fees: " + name

}