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Activity1

```html
<!DOCTYPE html>
    <html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Document</title>
    </head>

    <body>
        <h1>Activity Guide #1</h1>
        <!-- Start of Item 1-->
        Name: <input type="text" id="name"><br />
        Address: <input type="text" id="address"><br />
        Telephone Number: <input type="text" id="telephone"><br />
        Major: <input type="text" id="major"><br />
        <button id="btn1">Submit</button>
        <p id="output"></p>
        <!-- End of Item 1-->

        <!-- Start of Item 2-->
        <h4>Activity #2</h4>

        Projected Sales: <input type="text" id="sales"><br />
        <button id="btn2">Compute</button>
        <p id="outputsales"></p>
        <!-- End of Item 2-->

        <!-- Start of Item 3-->
        <h4>Activity #3</h4>

        Speed: <input type="text" id="speed"> <br />
        <button id="btn3">Submit</button>
        <p id="display1"></p>
        <p id="display2"></p>
        <p id="display3"></p>
        <!-- End of Item 3-->

        <!-- Start of Item 4-->
        <h4>Activity #4</h4>
        Miles Driven: <input type="text" id="miles"> <br />
        Gas Used: <input type="text" id="gas"> <br />
        <button id="btn4">Compute MPG</button>
        <p id="resultmpg"></p>
        <!-- End of Item 4-->
```

```html
<!-- Start of Item 5-->
<h4>Activity #5</h4>
Celsius: <input type="text" id="celsius"> <br />
<button id="btn5">Convert to F</button>
<p id="displayF"></p>
<!-- End of Item 5-->

<!-- Start of Item 6-->
<h4>Activity #6</h4>
Cookies you have eaten: <input type="text" id="cookies"><br />
<button id="btn6">Submit</button>
<p id="displaycal"></p>
<!-- End of Item 6-->


<!-- Start of Item 7-->
<h4>Activity #7</h4>
Number of Males: <input type="text" id="male"> <br />
Number of Females: <input type="text" id="female"><br />
<button id="btn7">Percentage</button>
<p id="percentage"></p>
```

```javascript
//Components for Item number 1
const btn1 = document.getElementById("btn1")
btn1.addEventListener("click", () => {
    //populate variables
    let name = document.getElementById("name").value
    let address = document.getElementById("address").value
    let telephone = document.getElementById("telephone").value
    let major = document.getElementById("major").value

    let x = `Hello! ${name}, I see that you are form ${address} and you are also pursuing your
    degree ${major} and you can be contacted using ${telephone}.`
    document.getElementById("output").innerHTML = x
})

//Components for Item number 2
const btn2 = document.getElementById("btn2")
btn2.addEventListener("click", () => {

    let sales = document.getElementById("sales").value
    let profit = sales * 0.23
    let x = `Your Annual profit is ${profit}.`
    document.getElementById("outputsales").innerHTML = x
})


//Components for Item number 3
const btn3 = document.getElementById("btn3")
btn3.addEventListener("click", () => {

    let speed = document.getElementById("speed").value


    let fiveHrs = speed * 5
    let eightHrs = speed * 8
    let twelveHrs = speed * 12


    let a = `The distance the car will travel ${fiveHrs}.`
    let b = `The distance the car will travel ${eightHrs}.`
    let c = `The distance the car will travel ${twelveHrs}.`

    document.getElementById("display1").innerHTML = a
    document.getElementById("display2").innerHTML = b
    document.getElementById("display3").innerHTML = c
})
```

```javascript
//Components for Item number 4
const btn4 = document.getElementById("btn4")
btn4.addEventListener("click", () => {

    let miles = document.getElementById("miles").value
    let gas = document.getElementById("gas").value

    let result = miles / gas

    let a = `Miles-per-gallon = ${miles} /  ${gas}  =  ${result}.`

    document.getElementById("resultmpg").innerHTML = a
})

//Components for Item number 5
const btn5 = document.getElementById("btn5")
btn5.addEventListener("click", () => {

    let celsius = document.getElementById("celsius").value

    let farenheit = (9/5) * celsius + 32

    let a = `Farenheit = ${farenheit}`

    document.getElementById("displayF").innerHTML = a
})

//Components for Item number 6
const btn6 = document.getElementById("btn6")
btn6.addEventListener("click", () => {

    let cookies = document.getElementById("cookies").value

    let calories = 300
    let bagofcookies = 40
    let servings = 10

    let computation = calories / (bagofcookies/servings) * cookies

    let a = `The total of cookies you have eaten is ${cookies} and it is composed of total calories $
    {computation}`

    document.getElementById("displaycal").innerHTML = a
```

```javascript
//Components for Item number 7
const btn7 = document.getElementById("btn7")
btn7.addEventListener("click", () => {

    let male = document.getElementById("male").value
    let female = document.getElementById("female").value

    let total = parseInt(male) + parseInt(female)
    let malepop = male / total * 100
    let femalepop = female / total * 100

    let a = `The Percentage of Male Population is ${malepop.toFixed(2)} while the Female Percentage
    is ${femalepop.toFixed(2)}`

    document.getElementById("percentage").innerHTML = a

})
```
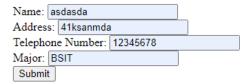
# Activity Guide #1

Name: asdasda
Address: 41ksanmda
Telephone Number: 12345678
Major: BSIT
Submit

Hello! asdasda, I see that you are form 41ksanmda and you are also pursuing your degree BSIT and you can be contacted using 12345678.

### Activity #2

Projected Sales: 25000
Compute

Your Annual profit is 5750.

### Activity #3

Speed: 60
Submit

The distance the car will travel 300.

The distance the car will travel 480.

The distance the car will travel 720.

### Activity #4

Miles Driven: 15
Gas Used: 5
Compute MPG

Miles-per-gallon = 15 / 5 = 3.

**Activity #5**

Celsius: [36]
[Convert to F]

Farenheit = 96.8

**Activity #6**

Cookies you have eaten: [4]
[Submit]

The total of cookies you have eaten is 4 and it is composed of total calories 300

**Activity #7**

Number of Males: [50]
Number of Females: [20]
[Percentage]

The Percentage of Male Population is 71.43 while the Female Percentage is 28.57