

ITEM1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Activity Guide #1</title>
</head>
<body>
  <h1>Activity Guide #1</h1>
  <!--start of item 1-->
  Name: <input type="text" name="name" id="name"> <br>
  Address: <input type="text" name="address" id="address"><br>
  Telephone Number: <input type="text" name="telephone" id="telephone"> <br>
  Major: <input type="text" name="major" id="major"><br>
  <button type="submit" id="btn1">Submit</button>
  <p id="output"></p>
  <!--end of item 1-->
</body>
<script src="app.js"></script>
</html>
```

```
const btn1 = document.getElementById("btn1")
btn1.addEventListener("click", ()=>{
  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 from ${address} and you are also
pursuing your degree in ${major} and you can be contacted using ${telephone}.`
  document.getElementById("output").innerHTML=x
})
```

Activity Guide #1

Name:

Address:

Telephone Number:

Major:

Hello! Erin, I see that you are from Baguio and you are also pursuing your degree in CS and you can be contacted using 123.

ITEM2

```
<body>
  <h1>Activity Guide #2</h1>
  Projected amount of total sales: <input type="text" name="amt" id="amt"> <br>
  <button type="submit" id="btn">Submit</button>
  <p id="output"></p>
</body>
<script>
  const btn1 = document.getElementById("btn")
  btn1.addEventListener("click", ()=>{
    let amt = document.getElementById("amt").value
    let profit = amt*.23
    let x = `profit: ${profit}%`
    document.getElementById("output").innerHTML=x
  })
</script>
```

Activity Guide #2

Projected amount of total sales:

profit: 115

ITEM3

```
<body>
  <h1>Activity Guide #3</h1>
  A car is traveling at 60 miles per hour. <br>
  The distance the car will travel in 5 hours: <p id="output1"></p> <br>
  The distance the car will travel in 8 hours: <p id="output2"></p> <br>
  The distance the car will travel in 12 hours: <p id="output3"></p> <br>
</body>
<script>
  let distance1 = 60*5
  let distance2 = 60*8
  let distance3 = 60*12
  let x = `${distance1} miles`
  let y = `${distance2} miles`
  let z = `${distance3} miles`
  document.getElementById("output1").innerHTML=x
  document.getElementById("output2").innerHTML=y
  document.getElementById("output3").innerHTML=z
</script>
```

Activity Guide #3

A car is traveling at 60 miles per hour.
The distance the car will travel in 5 hours:

300 miles

The distance the car will travel in 8 hours:

480 miles

The distance the car will travel in 12 hours:

720 miles

ITEM4

```
<body>
  <h1>Activity Guide #4</h1>
  miles driven: <input type="text" name="miles" id="miles"><br>
  gallons of gas used: <input type="text" name="gas" id="gas"><br>
  <button type="submit" id="btn">submit</button>
  <p id="output"></p>
</body>
<script>
  const btn = document.getElementById("btn")
  btn.addEventListener("click", ()=>{
    let drive = document.getElementById("miles").value
    let gas = document.getElementById("gas").value
    let mpg = drive/gas
    let x = `MPG: ${mpg}`
    document.getElementById("output").innerHTML=x
  })
</script>
```

Activity Guide #4

miles driven:
gallons of gas used:

MPG: 100

ITEM5

```
<body>
  <h1>Activity Guide #5</h1>
  Enter temperature(celsius): <input type="text" name="temp" id="temp"><br>
  <button type="submit" id="btn">Submit</button>
  <p id="output"></p>
</body>
<script>
  const btn1 = document.getElementById("btn")
  btn1.addEventListener("click", ()=>{
    let temp = document.getElementById("temp").value
    let farenheit = (9/5)*temp+32
    let x = `temperature in farenheit: ${farenheit}`
    document.getElementById("output").innerHTML=x
  })
</script>
```

Activity Guide #5

Enter temperature(celsius):

temperature in farenheit: 122

ITEM6

```
<body>
  <h1>Activity Guide #6</h1>
  number of cookies you ate: <input type="text" name="cookie" id="cookie"><br>
  <button type="submit" id="btn">Submit</button>
  <p id="output"></p>
</body>
<script>
  const btn1 = document.getElementById("btn")
  btn1.addEventListener("click", ()=>{
    let cookie = document.getElementById("cookie").value
    let calories = 300/(40/10)
    let total = cookie*calories
    let x = `total calories consumed in ${cookie} cookies: ${total}`
    document.getElementById("output").innerHTML=x
  })
</script>
```

Activity Guide #6

number of cookies you ate:

total calories consumed in 4 cookies: 300

ITEM7

```
<body>
  <h1>Activity Guide #7</h1>
  Number of Females: <input type="text" name="fem" id="fem"><br>
  Number of Males: <input type="text" name="male" id="male"><br>
  <button type="submit" id="btn">Submit</button>
  <p id="output"></p>
  <p id="output2"></p>
</body>
<script>
  const btn1 = document.getElementById("btn")
  btn1.addEventListener("click", ()=>{
    let fem = document.getElementById("fem").value
    let male = document.getElementById("male").value
    let total = parseInt(fem) + parseInt(male)
    let femPer = fem/total*100
    let malePer = male/total*100
    let x = `percentage of females: ${femPer}%`
    let y = `percentage of males: ${malePer}%`
    document.getElementById("output").innerHTML=x
    document.getElementById("output2").innerHTML=y
  })
</script>
```

Activity Guide #7

Number of Females:

Number of Males:

percentage of females: 40%

percentage of males: 60%