HTML Code:

<!doctype html>

<html lang="en">

<head>

<title>Lab5 JS</title>

<meta charset="utf-8" />

<script src="lab5jscode.js">

</script>

</head>

<body>

<br>

<br>

<br>

<a href="../index.html">Index</a><br>

</body>

</html>

JavaScript Code:

var arrMiles = new Array();

var arrGals = new Array();

i = 0;

let TMiles = 0, TGals = 0, TMPG = 0;

arrMiles[i] = prompt("Enter miles driven",);

arrGals[i] = prompt("Enter gallons used",);

while((arrMiles[i] > 0) && (arrGals[i] > 0)){

i++;

arrMiles[i] = prompt("Enter miles driven",);

arrGals[i] = prompt("Enter gallons used",);

}

for (i=0;i<arrMiles.length-1;i++){

document.write("Miles ["+i+"] = "+arrMiles[i]);

document.write("<br />");

document.write("Gals ["+i+"] = "+arrGals[i]);

document.write("<br />");

MPG = arrMiles[i]/ arrGals[i];

document.write("MPG ["+i+"] = "+ MPG);

document.write("<br />");

document.write("<br />");

document.write("<br />");

}

for (let i=0; i < arrMiles.length; i++)

TMiles += arrMiles[i];

document.write("Total of Miles: " + TMiles);

document.write("<br />");

for (let i=0; i < arrGals.length; i++)

TGals += arrGals[i];

document.write("Total of Gallons: " + TGals);

document.write("<br />");

for (let i=0; i < MPG.length; i++)

TMPG += MPG[i];

document.write("Total of MPG: " + TMPG);