JavaScript Syntax - Practice Code

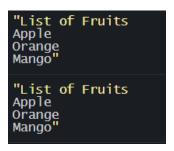
Problem Statement 1: Global Vs Local Variable

Differentiate the difference between the scope of global and local variables with help of the JavaScript function.

Outside function : 200 Inside function : 100

Problem Statement 2: Display methods

Write a simple JavaScript program that displays the multi line text with and without template literals.



Problem Statement 3: Simple Interest

Using Expressions and simple arithmetic operators calculate and display the simple interest value in the console.

"Simple Interest isSimple Interest is 70"

Problem Statement 4: Menu list

Create a menu list using JavaScript template literals and print the Menu list in the console log.



Solution:

Problem Statement 1:

```
<!DOCTYPE html>
<html>
<head>
 <title>Global VS Local Variable</title>
</head>
<body>
<script>
var data=200;//global variable declaration
function a() {
var data = 100; //Local Variable
document.write("Inside function : ", data); // inside function
document.write("Outside function: ", data); // outside function
document.write("<br>");
a();
</script>
</body>
</html>
```

Problem Statement 2:

```
<!DOCTYPE html>
<html>
<head>
 <title>Literals</title>
</head>
<body>
 <script>
 //Multiline
// Without template literal
console.log('List of Fruits \nApple \nOrange \nMango');
// With template literal
console.log(`List of Fruits
Apple
Orange
Mango`);
</script>
</body>
</html>
```

Problem Statement 3:

```
<!DOCTYPE html>
<html>
<head>
  <title>Global VS Local Variable</title>
</head>
<body>
```

Problem Statement 4:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>Literals</title>
</head>
<body>
 <script>
// With template literal
console.log(`Menu Items
Sandwich
French Fries
Potato wedges
Donuts
Pizza`);
 </script>
</body>
</html>
```