

APPENDIX Q1a

```
var request=null;
var data=null;
var READY_STATE_COMPLETE=4;
```

```
// This is the entry point for communicating with the
// server-side application. The function accepts the URL // of the application. Since the GET
// method is used, any
// parameters must be included as part of the URL.
```

```
function sendRequest(url) {
    request = createRequest();
    if (request == null) {
        return;
    }
    request.open("GET", url, true);
    request.send(null);
    request.onreadystatechange = processRequestChange;
}
```

```
function createRequest() {

    var req = null;

    if (XMLHttpRequest) {
        req = new XMLHttpRequest();
    }
    else if (ActiveXObject ) {
        req = new ActiveXObject("Microsoft.XMLHTTP");
    }
    else {
        req = null;
    }
    return req;
}
```

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```
// This function invokes a renderData() function  
// when the server-side application has finished  
// sending its XML data to the XMLHttpRequest object.  
// You will have to implement the renderData() function  
// to display the data on the Web page.
```

```
function processRequestChange() {  
  
    if(request == null) {  
        return;  
    }  
  
    if(request.readyState == READY_STATE_COMPLETE) {  
        data = request.responseXML;  
        renderData(data);  
    }  
}
```

APPENDIX Q2b

```
<html>
<head>
<title>Bubble Tea with jQuery</title>
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
```

... (Add additional codes here)

```
</head>
<body>
```

... HTML : Make necessary changes to the HTML

```
<p><h2> Bubble Tea add-on</h2></p>
<p><input type="checkbox">Boba pearls ($1)</p>
<p><input type="checkbox">Brown Sugar ($1)</p>
<p><input type="checkbox">Aloe Jelly ($2)</p>
```

```
<table>
<tr>
  <td>Total Amount = S$</td>
  <td><div style="background: yellow;">0</div></td>
</tr>
</table>
```

```
</body>
</html>
```

END OF APPENDIX