



LAB
01.03



Instructions:

- Open **01.03-Lab.html** in your Editor. Write the Lab code in the **script** tags.

1. Debug these strings by mixing-and-matching quotes.

```
var cereal = 'Cap'n Crunch';  
console.log(cereal); // Cap'n Crunch  
  
var questi = ""Who's there?" she asked."  
console.log(questi); // "Who's there?" she asked.
```

2. Debug these strings by escaping quotes with backslash:

```
var phrase = 'Isn't that amazing!';  
console.log(phrase); // 'Isn't that amazing!  
  
var quote = ""Show me the money!" is a famous movie line."  
console.log(quote); // "Show me the money!" is a famous movie line.
```

3. Use string interpolation to produce the messages in the comments:

```
var pet = 'dog';  
var name = 'Fido';  
var toy = 'frisbee';  
var msg;  
console.log(msg); // My dog Fido's favorite toy is a frisbee.  
  
var animal;  
var continent;  
var msg;  
console.log(msg); // The kangaroo is native to Australia.
```

4. Produce the restaurant bill output as shown in the multi-line comment, below. This one requires you to combine math operations, which you practiced earlier, with string interpolation:

```
var joint = "BOB'S DINER";  
var food = 30;
```

```
var bev = 20;
var subTotal = food + bev;
var taxRate = 0.08; // 8%
var tipPct = 0.2; // 20%;
var tax;
var tip;
var grandTotal;
var guestCheck;
console.log(guestCheck);
/*
BOB'S DINER
GUEST CHECK:
Food: $30
Beverage: $20
Sub-Total: $50
Tax: $4
Tip: $10
TOTAL: $64
THANK YOU!
*/
```

- **END Lab 01.03**
- **SEE Lab 01.03 Solution**