01.02 Lab Solution

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Assign values to the provided variables and use typeof() to log output that matches the comment:

On your own:

```
    var msg = 'Hello World';
    console.log(msg, typeof(msg)); // Hello World! string

    var total = 314;
    console.log(total, typeof(total)); // 314 number

    var isFresh = true;
    console.log(isFresh, typeof(isFresh)); // true boolean

    var price = 29.95;;
    console.log('price: $', price, typeof(price)); // price: $ 29.95
  number

    var player1;
    console.log(player1, typeof(player1)); // undefined 'undefined'

    var restaurntBill = 80;
    var groupon= '$10';
    var pleasePay = restaurantBill – groupon;
    console.log(pleasePay, typeof(pleasePay)); // NaN 'number'
```

Use the Number() method so that the console.log output changes from NaN to matching the comment.

On your own:

```
    var x = '55';
    var y = '33';
    var z = Number(x) – Number(y);
    console.log(z); // 22

    var x = '55';
    var y = '33';
    var z = Number(x) + Number(y);
    console.log(z); // 88

    var x = '55';
    var y = 5;
    var z = Number(x) / y;
    console.log(z); // 11

    var x = 55;
    var y = '44';
```

```
    var z = x + y;
    console.log(z); // 5544
```

string concatenation

Assign values to the variables and then use the variables in string concatenation to reproduce the
messages shown:

```javascript
// message 1: Sally lives in New York City.
let msg1;
let name = "Sally";
let city = "New York City";
msg1 = name + " lives in " + city + ".";
console.log(msg1);

// message 2: Freddy went to France for 6 months.
let msg2;
let fName = "Freddy";
let country = "France";
let months = 6;
msg2 = fName + " went to " + country + " for " + months + " months.";
console.log(msg2);

// message 3: My Bunny had a baby carrot for breakfast.
let msg3;
let pet = "Bunny";
let veg = "baby carrot";
let meal = "breakfast";
msg3 = "My " + pet + " had a " + veg + " for " + meal + ".";
console.log(msg3);
```

- **END Lab Solution 01.02**