Announcements

• Final Exam: Wednesday 12/13, 4:00PM to 6:00PM

Room Assignments:

  Last names  A-N        →        PHY 1412
  Last names  O-Z        →        SPH 1312

• Please complete course evaluations:
  https://www.courseevalum.umd.edu/
Review

• Go over quiz
Complete the function below, which returns the product of the two parameters. Assume the parameters are both non-zero integers. You must implement this with recursion using repeated addition (you may not use the multiplication operator).

```javascript
function multiply(a, b) {
```

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Review

Complete the function below using recursion. Assume the parameter is a positive integer. The function will return an array that contains all of the numbers from 1 up to the parameter in consecutive order. For example, if the parameter is the value 5 then the return value should be the array [1, 2, 3, 4, 5];

function makeSequence(value) {
Review

Complete the function below using recursion. Assume the parameter is a positive integer. The function will return an array that contains all of the numbers from 1 up to the parameter in consecutive order. For example, if the parameter is the value 5 then the return value should be the array [1, 2, 3, 4, 5];

function makeSequence(value) {

Complete the function below, which will return a 2-Dimensional array. The first parameter is an array that specifies how long each row will be. The second parameter is an array that specifies what value each row will contain. **For example,** if the first array is [3, 4, 2] and the second array is [“hi”, 3.2, 6] then the return value should be this 2-Dimensional array:

```
“hi” “hi” “hi”
3.2 3.2 3.2 3.2
6 6
```

```javascript
function make2DArray(rowLengths, values) {
```