

# Switch JS

## Scope, Hoisting, Closures

1. Create a function `runningAverage()` that returns a callable function object. Update the series with each given value and calculate the current average.

```
rAvg = runningAverage();  
rAvg(10) = 10.0;  
rAvg(11) = 10.5;  
rAvg(12) = 11;
```

2. Write a sum function which will work properly when invoked using syntax below.

```
sum(2,3); // Outputs 5  
sum(2)(3); // Outputs 5  
sum(1)(2)(3)(4); // Outputs 10
```