Chapter 3 Exercises

Minimum

```
function findMin(num1, num2) {
  console.log(Math.min(num1, num2));
}

findMin(18, 11);
```

Recursion

```
function isEven(number) {
   if (number == 0) {
     return true;
   }
   else if (number == 1){
     return false;
   }
   else {
     if (number > 0) {
     return isEven(number -= 2);
     }
     else {
       return isEven(number += 2);
     };
    };
  };

console.log(isEven(50));
// → true
console.log(isEven(5));
// → false
console.log(isEven(-8));
// → ??
```

Bean Counting

```
function countBs(phrase) {
  var count = 0;
  for (n = 0; n <= phrase.length -1; n++) {
    if (phrase.charAt(n) == "B") {
```

```
      count ++;
    };
  };
  return count;

};

function countChar(phrase, character) {
    var count = 0;
  for (n = 0; n <= phrase.length -1; n++) {
    if (phrase.charAt(n) == character) {
      count ++;
    };
  };
  return count;
};
```