Worksheet #7

1. Write a function that can take in any number of arguments, and returns the sum of all of the arguments.

2. Write a function called addOnlyNums that can take in any number of arguments (including numbers or strings), and returns the sum of only the numbers.

```
addOnlyNums(1, 'cat', 3, 4); //8
```

3. Write a function called `countTheArgs` that can take any number of arguments, and returns the number of arguments that are passed in.

```
countTheArgs('cat', 'dog'); //2
countTheArgs('cat', 'dog', 'frog', 'bear'); //4
```

4. Write a function called combineTwoArrays that takes in two arrays as arguments, and returns a single array that combines both (using the spread operator).

5. Write a function called sumEveryOther that takes in any amount of arguments, and returns the sum of every other argument.

```
sumEveryOther(5, 6, 3, 4, 1); //9
sumEveryOther(10, 2, 11); //21
```

6. Write a function called onlyUniques that can take in any number of arguments, and returns an array of only the unique arguments.

```
onlyUniques('cat', 'cat', 'dog', 'pig'); //['cat', 'dog', 'pig']
onlyUniques(1, 4, 7, 1, 2, 7, 4); //[1, 4, 7, 2]
```

7. Write a function called combineAllArrays that takes in any number of arrays as arguments and combines all of them into one array.

8. Write a function called squareAndSum that takes in any number of arguments, squares them, then sums all of the squares.

```
sumAndSquare(2, 4, 3); //29
sumAndSquare(1, 2); //5
```