

Homework 4: Python Practice

Name your file `hw4.py`.

Create an array of integers with the following values:

```
[23, 84, 3, -3, 45, 22, 99, 3589, -34, 0, 4, -63]
```

1. Write a function, `sumNums()`, that sums all of the numbers in the array and prints the result.
2. Write a function, `squareNums()`, that squares all the values in the array, then prints the resulting array.

Write a program that produces (exactly) the following output:

```
Array: [23, 84, 3, -3, 45, 22, 99, 3589, -34, 0, 4, -63]
```

```
Sum of array values: 3769
```

```
Squared array: [529, 7056, 9, 9, 2025, 484, 9801, 12880921, 1156, 0, 16, 3969]
```

Submit your `hw4.py` file to hkerner@cs.unc.edu by 11:15AM on Monday, March 2.