Sorry, try again!

Challenge #2

You've discovered a series of amulets in the middle of a pit of deadly vipers. Each amulet contains a sequence of numbers etched into them along with some directions. Your challenge is to follow these directions and decode the secrets hidden within!

Amulet #1 location in Google Maps:	The Great Pyramid of Gi
Amulet #2 location in Google Maps:	North Sea Incorrect
Amulet #3 location in Google Maps:	 Incorrect
Amulet #4 location in Google Maps:	 Incorrect
Amulet #5 location in Google Maps:	 Incorrect

Check Answer

Amulet #1

```
amulet1 =
[-0.6179074665219488,
0.012080423982449795,
-0.21346000509541063,
0.08299652983289585,
```

Add all numbers that occupy EVEN indexes together, and all numbers that occupy ODD indexes together to yield two floating point numbers. These numbers represent longitude / latitude values that point to a location in the world. Format your output as follows:

`even_position_sum N odd_position_sum E`

For example, `12.324234 N 43.324324 E`. Then paste this information into Google Maps to locate this monument. **You may need to zoom in to see the monument you have arrived at, as there may be multiple monuments at this location.** Type in the name of the monument in the blank below to check your answer.

Amulet #2

```
amulet2 =
[9.631212195521316,
3.7468670477204773,
3.2444286767576545,
6.520597627024687,
```

This amulet has exactly 100 numbers in it. Add all numbers that occupy the first half of the list together, and all numbers that occupy the second half of the list together to yield two floating point numbers. These numbers represent longitude / latitude values that point to a location in the world. Format your output as follows:

```
first_half_sum N second_half_sum W
```

For example, `12.324234 N 43.324324 W`. Then paste this information into Google Maps to locate this monument. **You may need to zoom in to see the monument you have arrived at, as there may be multiple monuments at this location.**Type in the name of the monument in the blank below to check your answer.

Amulet #3

```
amulet3 = ['N',
1.138256, 1.64065, 'E',
0.859936, 1.85685,
1.60071, 0.54958,
0.82282, 0.41209, 'E',
```

This amulet contains a series of strings and floating point numbers. Your job is to add up all floating point numbers in the list that are directly preceded by the string "N" into a single value. You then need to add up all floating point numbers in the list that are directly preceded by the string "E" into a single list. Then construct a longitude / latitude combination out of this information. For example, consider this shortened version of the list:

```
['N', 1.138256, 1.64065, 'E', 0.859936, 1.85685, 1.60071, 0.54958,
0.82282, 0.41209, 'E', 0.625458]
```

In this example, N would be 1.138256 (there is only one "N" in the list, so we take the value right after it) and E would be 0.859936 + 0.625458.

Format your output as follows:

```
n_sum N e_sum E
```

For example, `12.324234 N 43.324324 E`. Then paste this information into Google Maps to locate this monument. **You may**

need to zoom in to see the monument you have arrived at, as there may be multiple monuments at this location. Type in the name of the monument in the blank below to check your answer.

Amulet #4

```
amulet4a = ['W', 'W',
'S', 'W', 'S', 'W',
'S', 'S', 'W', 'S',
'S', 'W', 'S', 'S',
'W', 'W', 'S', 'S',
```

```
amulet4b = [0.971926,
0.802425, 0.488597,
1.480806, 1.135244,
1.094085, 1.53108,
0.999525, 1.729665,
```

This amulet has two lists written on it. The first list contains a series of strings that will be either "S" or "W" - the second contains a series of floating point numbers. The lists are "parallel", meaning that the elements are related based on their index position. For example, amulet4a[0] is holding a "W" and amulet4b[0] is holding 0.971926. Your job is to add up all numbers that are associated with the string "W" into one floating point number, and all

numbers associated with the string "S" into another floating point number.

Format your output as follows:

```
s_sum S w_sum W
```

For example, `12.324234 S 43.324324 W`. Then paste this information into Google Maps to locate this monument. **You may need to zoom in to see the monument you have arrived at, as there may be multiple monuments at this location.**Type in the name of the monument in the blank below to check your answer.

Amulet #5

```
amulet5a = ['N1', 'E3',
'E6', 'E8', 'E11',
'E14', 'N15', 'E16',
'E17', 'E18', 'E19',
'N20', 'N23', 'N25',
```

```
amulet5b = [1.12,
0.369916, 1.37,
1.995381, 0.18, 0.88,
1.64284, 0.99,
1.304715, 0.12, 0.04,
```

The final amulet also contains two lists. The first list contains a series of strings, and the second contains a series of floating point numbers. The strings in the

first amulet always begin with a "N" or "E" character, followed by an integer. Your task is to extract the integer portion of the each string and use that as an index within the second string. For example, the first string is "N1" - this means that you should look at index #1 in the second string (0.369916) to find part of the "N" component of the longitute / latitude value. All up all of the floating point values associated with strings that begin with "N" into one accumulator and add all associated with "E" into another accumulator.

Format your output as follows:

```
n_sum N e_sum E
```

For example, `12.324234 N 43.324324 E`. Then paste this information into Google Maps to locate this monument. **You may need to zoom in to see the monument you have arrived at, as there may be multiple monuments at this location.**Type in the name of the monument in the blank below to check your answer.