# CSCI 241 Data Structures
## Practice Set 1: Variables and Arrays

1. Provide a Python function that takes as a parameter an array of positive integers. The function should return a new two-cell array where cell 0 contains the sum of the integers passed in, and cell 1 contains the product of the integers passed in.

2. Write a Python function that takes as a parameter an array of positive integers. The function should print the average of those integers to the screen.

3. If an array contains n cells, how many of them must you visit in order to locate the minimum value, assuming the contents are unordered?

4. Provide an input to the following function that makes the function return None.

```python
def noneShallPass(fellowship):
  if len(fellowship) < 9:
    return False
  elif len(fellowship) < 10:
    for i in fellowship:
      if i is None:
        continue
      if i is not None:
        i = None
      else:
        return i
  else:
    return False
  return True
```