An Duong

CSE 1310-001

Programming Assignment 6 Questions 1-3

1. sizeof() will show the character array size with the new line
   added (\0) while strlen() only shows the length of the character
   array without the new line input.

2. 2.1

   5

   2.2

   1005

   1005

   1005

   1005

   1005

   2.3

   6 10 14 18

3. 3.1

```
int display(int a[][], int size) {
    for(int i = 0; i < size; i++)
        for(int j = 0; j < size; i++)
            printf("%d", a[i][j]);


}

int main(){

    int array[][] = {{1,3,4}, {2,4,5}; {6,7,8}};

    diplay(array[]);
}
```

Size of second dimension needed [3], and needs to return 0 since display() is a int function.

Needs bracket for each "for" loop and typo, needs to read j++

Second dimension needs to have size in it [3]

Comma instead

display(array, 3);
and needs return 0;

3.2.

```
int sumEven(int n[]) {
    int sum = 0;
    for (int i = 1; i <= n; i++) {
        if (i % 2 == 0) {
            sum += &num+i;
        }
    }
    return sum;
}
```

Should include a second parameter, such as int size to be used for the for loop later (this is the size of array)

Should be int i = 0; i < size; i++ since array order starts at 0

If trying to add all even numbers in array, should read as n[i]%2 == 0 so it test if value in that array position is even

Should read as sum += n[i] to show the even number is added to the sum value