Revisit Anatomy

1. `int check_length (string input);`

```c
2. int check_length(string input) {
    int len = 0;
    while (input[len] != '\0') {
        len++;
    }
    return len;
}
```

3. `int res_length = check_length("hello world");`

Answers:
1. 
2. 
3. 
Exercise: Binary Conversion

• Recall from recitation one how to convert a binary number to a decimal
How would we write a program to convert binary to decimal?

- How are you going to take input?
- What should be the output?
- What errors may occur?
What functions do we need?
Design your functions

• Each function should have
  • Name
  • Return type
  • Parameter listing

• What are the preconditions for each one? Do they need the results of other functions?
Demo