Exercises 2.4

Learn C With Babbo

1. Describe what data type `my_chars` is in the following declaration:
   `char my_chars[9]`

2. What is the output of the following statements?

```
char my_chars[] = {65, 83, 67, 73, 73, 0};
printf('%s\n', my_chars);
```

3. What are the lengths (number of elements) of the following arrays?

   (a) `char arr[] = "What's up?";`

   (b) `char arr[] = {'G', 'r', 'e', 'a', 't'};`

4. Explain the problem with the following code:

```
char my_string[] = {'G', 'r', 'e', 'a', 't'};
printf('%s\n', my_string);
```