

CS107 Assignment 4: Frequently Asked Questions

1. **Question:** Am I allowed to declare all of my **hashsets** and **vectors** globally so that all of my functions have access to them?

Answer: Of course not. You're expected to introduce everything as a local variable, in main and perhaps some other higher-level function, and then pass the address of each down through the series of subfunctions that need access to them. This means that the prototypes of many of the supplied functions will need to be extended to accommodate one or more **hashset** *s and **vector** *s.

2. **Question:** I'm getting a strange segfault in **ScanArticle** looking up the stop words. I'm using **HashSetLookup**, my stoplist, and the address of the array called **word** (**&word**). It looks right. What's going on?

Answer: Yup, there's a very strange rule in C that says you can't take the address of an array like **word**. Do this instead:

```
char *dummy = word;
```

Then use **&dummy**.

3. **Question:** I'm getting a weird purify error in **WordIsWellFormed** of type ABR. Is this something I'm doing?

Answer: Nope. It's a fault positive generated from the C Library's own function. You're not responsible for it, and we can't fix it.