4.3

Double trouble. In the example program, which procedures are idempotent and which ones aren’t?

All of them except frequencies( ) function because when we have global variable word\_freq[]

After execute frequencies( ) for the first time the freq while be correct but After execute frequencies( ) for the second time the freq while be duplicated

The other function if we execute it once or more the result will be the same

4.4

Details matter. Modify the example program as little as possible but make it so that all procedures become idempotent.

We can make frequencies( ) function idempotent by cleaning word\_freq[ ] array at the begin of the function