Is there a preferred unit testing framework for testing data structures in C? I am wanting to incorporate unit tests to validate my solution for this assignment.

Subject: Re: Unit Testing
Posted by lusth on Tue, 15 Nov 2016 01:47:17 GMT
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There are lots out there (so says the Google). I generally roll my own using bash. I have two files per test, the testing code and the desired output. My bash script runs all the tests and reports if there are differences between the actual output and the desired output. The basic bash code looks something like:

```bash
for t in test*.c
    do
        base=`basename $t .c`
        make $base
        ./$base > $base.out
        echo $base.out vs $base.gold # gold is the desired output
diff $base.out $base.gold
    done
```