

## AP COMPUTER SCIENCE A – ITERATORS AND FOR-EACH LOOPS – CLASS WORK

Write a program `LoopTest.java` which reads the file `presidents.txt` into a `List<String>`. Use `LoopTestStub.java` as a starting point. You will only need to add code to the `main` method, as indicated by the comments in `LoopTestStub.java`.

Note that `LoopTest.java` will need the class `List.java`, package `IO`, and the file `presidents.txt`.

Also, note that when you compile `LoopTest.java`, you will receive a warning message

Note: `.\List.java` uses unchecked or unsafe operations.

Note: Recompile with `-Xlint:unchecked` for details.

These messages result from lines 21 and 102 of `List.java`, which declare `new T []s`. These arrays are declared as `Object []s` (all classes in java extend `Object` by default) which are casted to type `T []`, which operation is considered unsafe, but the operation must be performed if `T` is to be any object type.

In any case, show me you running `LoopTest` for each option 1, 2 and 3, and show me your code.