

## CS350 Lab 8: Code Generation for Arrays and Records

Change the definition of `which_cs350_lab` in `tiger.cc` so that it has the value 8.

Update your compiler to handle arrays, records, and type declarations. If you have done the full credit assignment for every lab, you should have a complete working compiler for the tiger language when you finish this lab, and should be able to translate (and run!) Appel 8-queens and mergesort examples from the `Examples/Tests-8/appel` directory, or any other correct tiger program that does not rely on implicitly-typed variables or use pass the result of one function call as a parameter to another (and if you've done extra credit, you can handle that too).

Record important design decisions for this lab in the file `Lab8-Types` in the `Design_Documents` subdirectory.

If you finish this lab, go do something fun. You don't need more opportunities for extra credit.