

CS344 Lab 11 – Age Analysis Redux

Assigned: 10/30/09

Points: 20

Purpose

The purpose of the lab is to learn how to create and use subroutines in FORTRAN.

Process

Rework Lab 10 so that it uses the following body:

```
program Lab 11
  implicit none
  integer ages(200)
  integer size

  call ReadData(ages,200,size)
  call DisplayResults(ages,200,size)
end
```

Do not modify the body in any way.

You will need to reuse the functions of Lab 10 and add subroutines for ReadData and DisplayResults. The DisplayResults subroutine will invoke your Lab 10 user defined functions. The size variable holds the number of ages read in.

The output of the lab should be identical to that of Lab 11. Use only ages1.txt to test your application.

Turn in a copy of your FORTRAN code and the sample output.