7. Do the following in the application program:

For each student, look up their name from the student name file, using the student id.

Do a sequential search from the file (not an array). Use a value returning method.

The method will open and close the file for each student look-up.

The method header needs throws FileNotFoundException

Declare the student name file in the method

Read the student id and student name, then compare student id to the search id

Once the name is found (or “name not found”), close the file and return the name

SearchName method: include throws FileNotFoundException in method header

And searchNumber

Open Name file (put Scanner definition here)

Found = false

returnName = “ZZZ name not found”

Repeat while more name data AND not found

Read number and name from name file

If search number = number from file

Then

returnName = name from file

found = true

EndIF

EndRepeat

Close file

Return ReturnName