45. *Reading Information from a Sequential File (continued)*

If a file contains more than one record, then the program has to open the file, process the records one-by-one, and finally close the file.

Example
```
.....
ENVIRONMENT DIVISION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
     SELECT STOCK-FILE ASSIGN TO 'STOCK'
     ORGANIZATION IS SEQUENTIAL.

DATA DIVISION.
FILE SECTION.
FD STOCK-FILE.
01  STOCK-RECORD.
     05   STOCK-NUMBER  PIC 9(5).
     05   STOCK-DESCRIPTION    PIC X(30).
     05   STOCK-QUANTITY PIC 9(3).

WORKING-STORAGE SECTION.
01   EOF-INDICATOR  PIC X  VALUE SPACES.

PROCEDURE DIVISION.
MAKE-STOCK-FILE-MAIN.
     PERFORM OPEN-FILE.
     PERFORM PROCESS-STOCK-RECORD 5 TIMES.
     PERFORM CLOSE-FILE.
     STOP RUN.

OPEN-FILE.
     OPEN INPUT STOCK-FILE.
PROCESS-STOCK-RECORD.
     PERFORM GET-DETAILS-FROM-DISK.
     PERFORM DISPLAY-DETAILS.
CLOSE-FILE.
     CLOSE STOCK-FILE.

GET-DETAILS-FROM-DISK.
     READ STOCK-FILE AT END DISPLAY 'END OF FILE'.
DISPLAY-DETAILS.
     DISPLAY 'Stock Number ', STOCK-NUMBER.
     DISPLAY 'Description ', STOCK-DESCRIPTION.
     DISPLAY 'Quantity  in Stock ', STOCK-QUANTITY.
```

Exercises
1.   Write a program which will read the student file created by your program from lesson 43, exercise (1) and display the details.
2.   Write a program which will read the staff file created by your program from lesson 43, exercise (2) and display the details.