

CIS103 File I/O

Read a file that has name & points then generate a letter grade

INPUT: points.txt

Input format: Id number, name, points

Output: two files: grades.txt and error.txt

Grades.txt format: id number, name, points, grade

Error.txt format: id number, name, points, error message

Processing:

1. Open files
2. Read a record
3. Process the record
4. Write to grade file or error file
5. When Done display file counts (read, good & error file)

Editing rules: points must be between 0 and 1000

Points can not be negative

Based points: 1000

Grade Logic: determine letter grade from input points

900-1000 = A (90%)
800-899 = B (80%)
700-799 = C (70%)
600-699 = D (60%)
0-599 = F (0%-59.9%)

Note: percentage calculation is points
divided by base points | times 100

Use notepad to check all files.

Hint: be sure to close files when done

Hint: use loop (while) for file processing