

JAVA PROGRAMMING LAB – 05-10-2024

Exception handling and files

1. Implement illegal Argument exception, Input mismatch exception using try and catch block for the class TeachingFaculty and NonTeachingFaculty
2. Implement exception in class if the movie name is not of type String
3. Write a custom exception that throws exception if the parameter of addrating() is not a number between 1 and 3.
4. Write some code that asks the user to enter either of the words append or new. According to the user response, open either an existing text file to which data can be appended or a new, empty text file to which data can be written. In either case, the file's name is a string given by the variable fileName.
5. Given a text file that contains the subject choices of students. Unfortunately, the programmer who created the file of subject choices was careless and did not guarantee that each choice was on a single line of the file. Read this file of subjects and write them to a new text file, one choice of three subjects per line. For example, if the input file contains

English Geography History Philosophy

Mathematics Music Law

Architecture Engineering Economics Biology

Physics Chemistry

English History Music

Philosophy Mathematics

The output file should be

English Geography History

Philosophy Mathematics Music

Law Architecture Engineering

Economics Biology Physics

Chemistry English History

Music Philosophy Mathematics