**PDC Lab Tasks: File IO and Collection**

**Task 1: File I/O**

Download *input.txt* from AUTOnline. Open NetBeans, and develop a program which can copy content from *input.txt* to a new file called *output.txt*. Meanwhile you need to achieve the following things:

* ONLY copy all the letters from input.txt to output.txt
* Reverse the letters’ order in each line
* Convert all letters to uppercase

aB-12c

de\* +f

CBA

FED

For example:

**Task 2: FILE I/O and Collection**

Download *scores.txt* from AUTOnline. The text file contains the exam marks of some students. Write a program which can achieve the functions below:

* The program loads the existing marks from *scores.txt* **without overwriting the content in the file**.
* The program prompt the user to input a student name (first name only) and his/her exam mark.
* The program then check whether the mark of the student was recorded already.
* If the record is existing already, the program checks whether the user wants to overwrite the record. If so, the record will be overwritten; otherwise, prompt for the next input.
* The program will quit after the user inputs “x”.

**Requirements**: you need to use collections in this program, but please think about which type of collection is suitable.