

COP3022-Intermediate - Project 6

Instructor: Bilal Gonen

email: bgonen@uwf.edu

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Download the "in.txt" and "out2.txt" file from e-learning. Include both of these files in your working folder (in Eclipse, jGrasp, NetBeans...etc.). Create a java class named "P6". This class will have main method in it. It will prompt the user to enter a file name for input. It will keep asking the user until the user enters a filename that exists.

Then prompt the user to enter a file name for output. If the file exists, then it will display the size of that file and ask the user to enter another name. This process must continue until user enters a filename that does not exist.

Your program reads the integer values from the input file, and if they are even number, write them into the output file. There are 6 items in this file, however, do not write a for-loop that iterates 6 times. There could have been millions of items. Do not assume that you know how many items there are. Keep reading as long as there are more items in the file.

There is a file named "out.txt" in e-learning. Do not include this file in your working folder. This file is just to show you how your output file must be after you run your program. Your out.txt file must be the same as the out.txt file given in e-learning.

If you submit your project before 6:00 am on Friday morning, then I will grade your project as quickly as I can (hopefully within 24 hours). This way, if you miss a few points, you can correct them and resubmit your project by Sunday deadline. This is extra burden on me (doubling the grading time), but I am okay with that. Because my goal is not to punish you for a few mistakes, but to teach you the material well.

Sample output

Written by Bilal Gonen

```
Enter the input file name: rabbit
File does not exist.
The input file name: in.txt
Enter the output file name: out2.txt
File exists (14 bytes).
The output file name: out.txt
Program has finished.
```

Submission

- Submit 3 files (P6.java, out.txt, 1 screenshot).
- Follow submission instructions in e-learning.