

Object-Oriented Programming Lab, Lab#9, Spring 2019

Graphical User Interface

Today's Topics

- Exception
- Input / Output (will use BufferedReader, BufferedWriter, PrintWriter)

Problems/Assignments

Input/Output

- 1) a) A text file named **olympic.txt** contains information of all countries participating in the Rio Olympic 2016. Each line in the file starts with the name of the country followed by the number of **gold, silver and bronze** medals won by the country. Write a Java program that reads the file and writes the content of this file into another file named **processed.txt**. A sample file looks as following.

USA 46 37 38
UK 27 23 17
China 26 18 26
Russia 19 18 19
Germany 17 10 15

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- b) Now, you have to write another Java program that reads the same file **olympic.txt** and writes into **processed.txt**, but this time it also calculates the total number of medals (summation of gold, silver and bronze medals) in each line in addition to the information read.
- 2) Update the "Bank Account System"/"Employee Record system" you created before. Instead of reading the inputs from user (only the initial inputs to create the account or creating the list of employee), now you have to read the inputs from a file. And at the end of the application you need to save the data in that same file.