Assignment 4

1. What's the difference between final, finally? What is finalize()?
2. What's the difference between throw and throws?
3. What are the two types of exceptions?
4. What is error in java?
5. Exception is object, true or false?
6. Can a finally block exist with a try block but without a catch?
7. From java 1.7, give an example of the try-resource feature.
8. What will happen to the Exception object after exception handling?
9. Can we use String as a condition in switch(str){} clause?
10. What's the difference between ArrayList, LinkedList and vector?
11. What's the difference between hashTable and hashMap?
12. What is static import?
13. What is static block?
14. Explain the keywords:
    default(java 1.8), break, continue, synchronized, strictfp, transient, volatile, instanceOf
15. Create a program including two threads – thread read and thread write.
    Input file ->Thread read -> Calculate -> buffered area
    Buffered area -> Thread write -> output file
    Detailed description is in assignment4.txt file.
    Sample input.txt file.
    Attached files are input.txt and a more detailed description file.