Sheet # 20: Lists, Stacks, Queues, and Priority Queues

▶ **Textbook: Introduction to Java Programming and Data Structures, Comprehensive Version (12th Edition)**

▶ **This sheet covers chapter 20** "**Lists, Stacks, Queues, and Priority Queues**"

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➢ **Check Point Questions:**

Review the questions at the following URL:
https://liveexample.pearsoncmg.com/checkpoint12/Chapter20.html

➢ **Solve the following Programming Exercises from the textbook** (pages 808-814)

20.1	20.2	20.6	20.10	20.11	20.16
20.21	20.22				

➢ **Mini Project: Counting the Keywords in Java Source Code**

Write a program that reads a Java source-code file and reports the number of keywords (including null, true, and false) in the file. If a keyword is in a comment or in a string, don't count it. Pass the Java file name from the command line. (Hint: Create a set to store all the Java keywords.)


```
Administrator: Command Prompt

c:\exercise>java Exercise22_3 Exercise22_1.java
The number of keywords in the program is 10

c:\exercise>_
```

With our best wishes;