**JAVA – נושאים ללמידה**

**יש לקרוא על הנושאים הבאים, שימו לב שלחלקם מצורף בתיקייה נספח עזר נוסף.**

* JVM
* JIT
* JDK
* JRE
* JAR
* DTO
* POJO
* EXCEPTIONS - Understand the syntax see some examples.

Interfaces:

* Functional Interface
* Supplier
* Consumer
* Function
* Predicate
* Operator
* AutoCloseable
* Closeable
* Serializable
* Comperator
* Comparable
* Iterable
* Iterator
* Spliterator

Java 8 features:

* Stream
* Lambda expressions
* Method reference
* Optional
* Data source
* JDBC
* Tail recursion

Concurrency:

* ExecutorService
* ThreadLocal
* WorkStealingPool
* ForkJoinPool
* Future
* CompletableFuture
* Callable vs Runnable

Solid:

* Single responsibility
* Open/Close
* Liskov substitution principle
* Interface segregation principle
* Dependency inversion