summarize missing points:

jdk7

jdk8 (Default Methods in interfaces, java.time)

jdk11 (HTTP Client, Flight Recorder…)

jdk17 (Sealed classes, Pattern Matching…)

jdk21 -> virtual thread (normal object)( Record Patterns, Sequenced Collections…)

volatile

working thread vs daemon thread

native → native method stack

Thread -> Creation ->

3, Callable interface (return, throws exception)

4, Thread Pool -> (the only practice, not affecting the runtime app) -> (jdk21 - virtual threads )

CompletableFuture (asynchronous, chaining tasks, ~~blocking~~)

Thread Pool 7 configurations : core pool size, maximum pool size, keep-alive time, time unit, work queue, thread factory, handler. (bounded resources )

custom thread pools ⇒ ThreadPoolExecutor, multiple thread pools, priority

Asynchronous Programming ⇒ CompletableFuture