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| 0-8 | Test questions |
| 8-17 | Answering question from ch 13(exception handling)   * Java has a whole hierarchy of exceptions. * Java was one of the first to have exceptions. * Other languages didn’t have exceptions * Sometimes if your exception isn’t caught your program will fail * Sorted into Must be caught and does not have to be caught * If a method header has an exception in it, depending on the type of exception, it may or may not need to be caught. * One of the first widespread languages that incorporated widespread use of exceptions. * Some exceptions can be ignored, some can’t and must be addressed. * Some people question exceptions in programming. * Basically, saying something bad happened but there’s nothing the method can do with it. * Provides information on the kind of error that occurred. * Exception is basically an undconditional go to bail out statement. * Could leave code in an unstable place. * In nuclear power plants a bail out may not be addressing the issue and the developers should have been more careful. * Does not solve all problems * Exceptions should be used for exceptional circumstances. * For example, running off your array during a loop. * Don’t use exception for that, because it’s not exceptional. * Divisoin by zero isn’t exceptional either. * Exceptions should not be used as an alternative to tests. * Exception handling should be used only for exceptional circumstances. |
| 17-30 | Questions about the test – Lambdas   * Java.util.function * Extended interface for BiFunction * BinaryOperator<Integer> mult = (a,b) -> a \* b; * Value of mult is a function * You can add code after the -> in {} add a , and then pass in values. * Test((a,b) -> {   Int x = a + b;  Int y = a – b;  Return x + y;  }, 5, 6);  Returns 10  Must return a value    Java boxes object types and unpacks as necessary.  Passing a function to a method is a big deal |
| 36-38 | Programming language comparison  Apple is good and requires swift  Lots of money in app development for apple |
| 38-41 | Complaints about blue jay |
| 41-45 | More week 7 content  Recursion  Problem solving strategy  Not easy to learn  Structure and interpretation of computer programs book |
| 45-47 | Anecdote about brother |
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