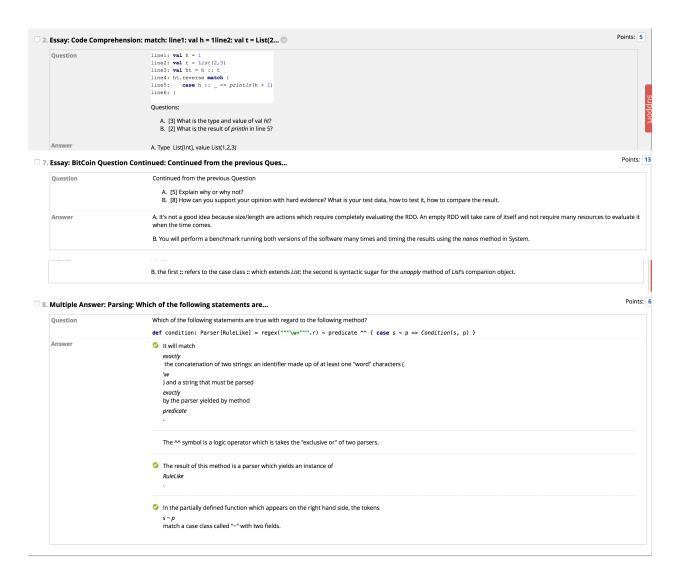
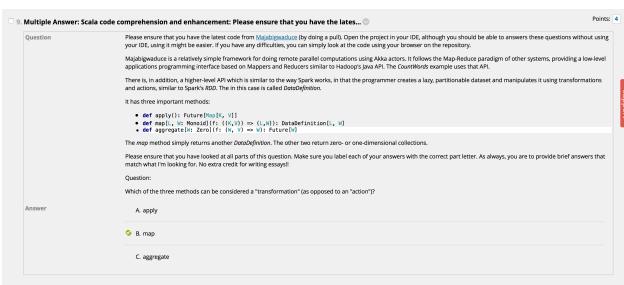
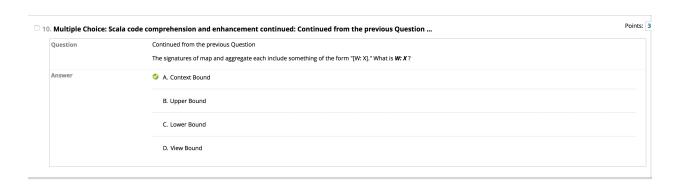
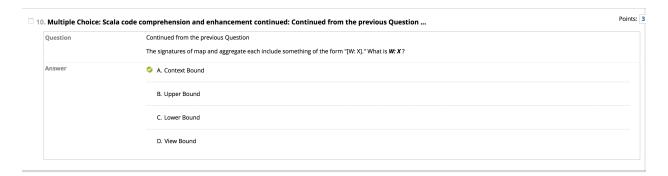
Final Exam CSYE 7200 Spring 2018

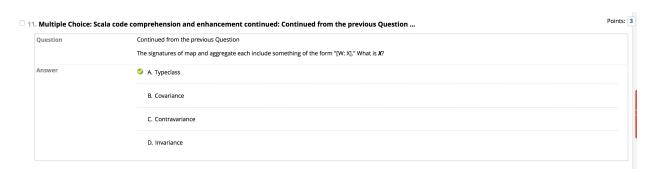


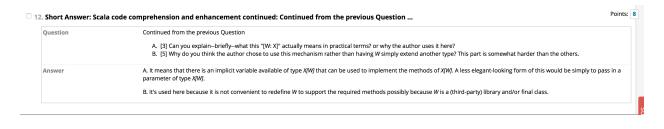












| 13. Short Answer: Sca | la code comprehension and enhancement continued: Continued from the previous Question 🌕 | Points: 8 |
|-----------------------|---|-----------|
| Question | Continued from the previous Question | |
| | There is a method with a "negative-one-dimensional" result missing: that would be count. It should have a signature like def count: Future[Int]. Implement this method for LaxyDD in a manner similar to the implementation of aggregate. | or |
| Answer | <pre>for (kVm <- apply()) yield kVm.size</pre> | |
| | | |

| Question | Continued from the previous Question |
|----------|---|
| | A. [4] In the definition of case class LazyDD, there is a third parameter set marked implicit. This value (context) is not passed in explicitly by any invocation of LazyDD's apply meth So, how does it get satisfied? B. [5] Also, in the definition of LazyDD, there is a curious extra set of parentheses around (KV). Can you explain why those are necessary (hard). |
| Answer | A. When the compiler has to look for an implicit, it first looks in the current scope, then in the object of one of a relevant type. Here, inside object DataDefinition, an implicit context DDContex is defined. |
| | B. Because (K, V) is of a Tuple. |

