

CS 464/564 Spring 2021 Quiz 3

Name: _____

1. Create a trigger that fires when a new row is added to the loan table. The trigger makes sure the copynum in the row is not a copynum of a copy that is currently checked-out. A copy is checked-out if there is a row in loan for the copy in which the ret (return date) value is null.

2. Write a trigger called checkCapacity. The trigger is called when the capacity column in the Library table is changed. The trigger checks that the new capacity is greater than or equal to the number of copies currently housed in the library. If the new capacity is greater than or equal to the number of copies housed in the library the new row is returned (the update happens) otherwise an exception is raised and the update fails.