Author: hk9216 < hk09426@gmail.com> Date: Thu Apr 14 18:46:51 2022 -0500 ScanTest Good work! 1 file char 30 insertic 5 deletions(-) commit 90b4c41940af55b28e7ba3b0a81175a6b1e90f5c Author: hk9216 <hk09426@gmail.com> Date: Thu Apr 14 18:44:53 2022 -0500 HeapPageReadTest 1 file char 46 insertic 24 deletions(-) commit 220d64b1518875d8b8dbefc19df0eb089b266fd7 Author: hk9216 < hk09426@gmail.com> Date: Thu Apr 14 18:43:05 2022 -0500 RecordIdTest 1 file chan 34 insertic 5 deletions(-) commit 1c0e19ca9d1749d17330f568ba112d44edd3ef62 Author: hk9216 < hk09426@gmail.com> Date: Thu Apr 14 18:40:51 2022 -0500 HeapPageIdTest 1 file chan 26 insertic 5 deletions(-) commit 4eaa706b561603bec0d2dd82569f0097cd399a7a Author: hk9216 < hk09426@gmail.com> Date: Thu Apr 14 18:38:26 2022 -0500 HeapFileReadTest 1 file char 134 insert 41 deletions(-) commit a16fe5d625c8f745d2ceb37456dac2841cea3548

Author: hk9216 <hk09426@gmail.com>

commit 83f625527c5adc2700fded33a1f06dd6cac6bd76

```
Date: Tue Apr 12 21:44:42 2022 -0500
  BufferPool
1 file char 39 insertic 2 deletions(-)
commit 8f71619126d5e72558d565b4957cdcaf210b9ce2
Author: hk9216 < hk09426@gmail.com>
Date: Tue Apr 12 12:56:19 2022 -0500
  Catalog
CSC553-lab1/.DS Store => .DS Store
                                            | Bin 8196 -> 8196 bytes
@{depcache}/dependencies.txt
                                          | 613 ++++++++++++++++
CSC553-lab1/@{depcache}.zip
                                         | Bin 2101 -> 0 bytes
CSC553-lab1/answers.pdf
                                       | Bin 21960 -> 0 bytes
                                             | Bin 43550720 -> 0 bytes
CSC553-lab1/apache-ant-1.10.12-bin.tar
CSC553-lab1/bin/src/simpledb/Catalog.class
                                              | Bin 4618 -> 0 bytes
CSC553-lab1/kk.zip
                                    | Bin 10276246 -> 0 bytes
.../bin => bin}/src/simpledb/BufferPool.class
                                             | Bin
bin/src/simpledb/Catalog.class
                                        | Bin 0 -> 5931 bytes
.../bin => bin}/src/simpledb/Database.class
                                             Bin
.../bin => bin}/src/simpledb/DbException.class
{CSC553-lab1/bin => bin}/src/simpledb/DbFile.class | Bin
.../bin => bin}/src/simpledb/DbFileIterator.class | Bin
.../bin => bin}/src/simpledb/DbIterator.class
{CSC553-lab1/bin => bin}/src/simpledb/Debug.class | Bin
{CSC553-lab1/bin => bin}/src/simpledb/Field.class | Bin
.../bin => bin}/src/simpledb/HeapFile.class
                                            Bin
.../bin => bin}/src/simpledb/HeapFileEncoder.class | Bin
.../bin => bin}/src/simpledb/HeapPage.class
                                             | Bin
.../bin => bin}/src/simpledb/HeapPageId.class
                                              | Bin
.../bin => bin}/src/simpledb/IntField$1.class
                                            | Bin
.../bin => bin}/src/simpledb/IntField.class
                                           | Bin
.../bin => bin}/src/simpledb/LogFile.class
                                           | Bin
{CSC553-lab1/bin => bin}/src/simpledb/Page.class | Bin
{CSC553-lab1/bin => bin}/src/simpledb/PageId.class | Bin
.../bin => bin}/src/simpledb/Permissions.class
                                             | Bin
```

| Bin

| Bin

l Bin

| Bin

| Bin

.../bin => bin}/src/simpledb/Predicate\$Op.class

.../bin => bin}/src/simpledb/Predicate.class

.../bin => bin}/src/simpledb/RecordId.class

.../bin => bin}/src/simpledb/SeqScan.class

.../bin => bin}/src/simpledb/SimpleDb.class

.../bin => bin}/src/simpledb/StringField.class

.../bin => bin}/src/simpledb/StringField\$1.class | Bin

.../src/simpledb/TransactionAbortedException.class | Bin

```
.../bin => bin}/src/simpledb/TransactionId.class | Bin
{CSC553-lab1/bin => bin}/src/simpledb/Tuple.class | Bin
.../src/simpledb/TupleDesc$TDItem.class
                                                Bin
.../bin => bin}/src/simpledb/TupleDesc.class
                                                | Bin
.../bin => bin}/src/simpledb/TupleIterator.class | Bin
{CSC553-lab1/bin => bin}/src/simpledb/Type$1.class | Bin
{CSC553-lab1/bin => bin}/src/simpledb/Type$2.class | Bin
{CSC553-lab1/bin => bin}/src/simpledb/Type.class | Bin
.../bin => bin}/src/simpledb/Utility.class
.../bin => bin}/test/simpledb/CatalogTest.class
                                               | Bin
                                               | Bin
.../test/simpledb/HeapFileReadTest.class
.../bin => bin}/test/simpledb/HeapPageIdTest.class | Bin
.../test/simpledb/HeapPageReadTest.class
                                                | Bin
.../bin => bin}/test/simpledb/RecordIdTest.class | Bin
.../test/simpledb/TestUtil$CreateHeapFile.class
                                                | Bin
.../test/simpledb/TestUtil$LockGrabber.class
                                                 | Bin
.../test/simpledb/TestUtil$MockScan.class
                                                | Bin
.../test/simpledb/TestUtil$SkeletonFile.class
                                                Bin
.../bin => bin}/test/simpledb/TestUtil.class
                                              | Bin
.../bin => bin}/test/simpledb/TupleDescTest.class | Bin
.../bin => bin}/test/simpledb/TupleTest.class
                                                | Bin
.../ScanTest$1InstrumentedHeapFile.class
                                                | Bin
.../test/simpledb/systemtest/ScanTest.class
                                                | Bin
.../simpledb/systemtest/SimpleDbTestBase.class
                                                   | Bin
.../test/simpledb/systemtest/SystemTestUtil.class | Bin
CSC553-lab1/build.xml => build.xml
                                             0
{CSC553-lab1/lib => lib}/LICENSE.jzlib.txt
                                             | 0
{CSC553-lab1/lib => lib}/LICENSE.mina.txt
{CSC553-lab1/lib => lib}/LICENSE.slf4j.txt
                                              | 0
{CSC553-lab1/lib => lib}/README
                                            | 0
{CSC553-lab1/lib => lib}/jline-0.9.94.jar
                                            Bin
{CSC553-lab1/lib => lib}/junit-4.5.jar
                                            Bin
\{CSC553-lab1/lib => lib\}/jzlib-1.0.7.jar
                                           | Bin
{CSC553-lab1/lib => lib}/mina-core-2.0.4.jar
                                               Bin
.../lib => lib}/mina-filter-compression-2.0.4.jar | Bin
{CSC553-lab1/lib => lib}/slf4j-api-1.6.1.jar
{CSC553-lab1/lib => lib}/zql.jar}
                                         Bin
                                       | 0
CSC553-lab1/log => log
{CSC553-lab1/src => src}/.DS Store
                                             | Bin
{CSC553-lab1/src => src}/java/.DS Store
                                               | Bin 6148 -> 6148 bytes
.../src => src}/java/simpledb/BufferPool.java
                                               10
.../src => src}/java/simpledb/Catalog.java
                                              | 65 ++-
.../src => src}/java/simpledb/Database.java
                                               | 0
.../src => src}/java/simpledb/DbException.java
{CSC553-lab1/src => src}/java/simpledb/DbFile.java | 0
.../src => src}/java/simpledb/DbFileIterator.java | 0
.../src => src}/java/simpledb/DbIterator.java
```

```
{CSC553-lab1/src => src}/java/simpledb/Debug.java | 0
{CSC553-lab1/src => src}/java/simpledb/Field.java | 0
.../src => src}/java/simpledb/HeapFile.java
.../src => src}/java/simpledb/HeapFileEncoder.java | 0
.../src => src}/java/simpledb/HeapPage.java
.../src => src}/java/simpledb/HeapPageId.java
.../src => src}/java/simpledb/IntField.java
                                               0
.../src => src}/java/simpledb/LogFile.java
{CSC553-lab1/src => src}/java/simpledb/Page.java | 0
{CSC553-lab1/src => src}/java/simpledb/PageId.java | 0
.../src => src}/java/simpledb/Permissions.java
.../src => src}/java/simpledb/Predicate.java
                                              1 0
.../src => src}/java/simpledb/RecordId.java
                                              0
.../src => src}/java/simpledb/SeqScan.java
                                              1 0
.../src => src}/java/simpledb/SimpleDb.java
                                               | 0
.../src => src}/java/simpledb/StringField.java
.../java/simpledb/TransactionAbortedException.java | 0
.../src => src}/java/simpledb/TransactionId.java | 0
{CSC553-lab1/src => src}/java/simpledb/Tuple.java | 0
.../src => src}/java/simpledb/TupleDesc.java
.../src => src}/java/simpledb/TupleIterator.java | 0
{CSC553-lab1/src => src}/java/simpledb/Type.java | 0
.../src => src}/java/simpledb/Utility.java
                                            1 0
{CSC553-lab1/test => test}/.DS_Store
                                             | Bin 6148 -> 6148 bytes
.../test => test}/simpledb/CatalogTest.java
.../test => test}/simpledb/HeapFileReadTest.java | 0
.../test => test}/simpledb/HeapPageIdTest.java | 0
.../test => test}/simpledb/HeapPageReadTest.java | 0
.../test => test}/simpledb/RecordIdTest.java
{CSC553-lab1/test => test}/simpledb/TestUtil.java | 0
.../test => test}/simpledb/TupleDescTest.java
{CSC553-lab1/test => test}/simpledb/TupleTest.java | 0
.../simpledb/systemtest/ScanTest.java
                                                  | 0
.../simpledb/systemtest/SimpleDbTestBase.java
.../simpledb/systemtest/SystemTestUtil.java
                                                | 0
116 files c 671 insert 7 deletions(-)
commit eaaf9bdd88c46fc1c36fc1130023b41636f56125
Author: hk9216 <hk09426@gmail.com>
Date: Sun Apr 3 15:45:07 2022 -0500
  Part1
CSC553-lab1/.DS Store
                                        | Bin 0 -> 8196 bytes
CSC553-lab1/@{depcache}.zip
                                           | Bin 0 -> 2101 bytes
CSC553-lab1/answers.pdf
                                         | Bin 0 -> 21960 bytes
CSC553-lab1/apache-ant-1.10.12-bin.tar
                                               | Bin 0 -> 43550720 bytes
```

```
CSC553-lab1/bin/src/simpledb/BufferPool.class
                                                  | Bin 0 -> 2113 bytes
CSC553-lab1/bin/src/simpledb/Catalog.class
                                                | Bin 0 -> 4618 bytes
CSC553-lab1/bin/src/simpledb/Database.class
                                                  | Bin 0 -> 1494 bytes
CSC553-lab1/bin/src/simpledb/DbException.class
                                                   | Bin 0 -> 401 bytes
CSC553-lab1/bin/src/simpledb/DbFile.class
                                                | Bin 0 -> 785 bytes
CSC553-lab1/bin/src/simpledb/DbFileIterator.class | Bin 0 -> 429 bytes
CSC553-lab1/bin/src/simpledb/DbIterator.class
                                                  | Bin 0 -> 469 bytes
CSC553-lab1/bin/src/simpledb/Debug.class
                                                | Bin 0 -> 1414 bytes
CSC553-lab1/bin/src/simpledb/Field.class
                                               | Bin 0 -> 524 bytes
CSC553-lab1/bin/src/simpledb/HeapFile.class
                                                 | Bin 0 -> 1855 bytes
CSC553-lab1/bin/src/simpledb/HeapFileEncoder.class | Bin 0 -> 5630 bytes
CSC553-lab1/bin/src/simpledb/HeapPage.class
                                                  | Bin 0 -> 5822 bytes
CSC553-lab1/bin/src/simpledb/HeapPageId.class
                                                   | Bin 0 -> 948 bytes
CSC553-lab1/bin/src/simpledb/IntField$1.class
                                                 | Bin 0 -> 953 bytes
CSC553-lab1/bin/src/simpledb/IntField.class
                                                | Bin 0 -> 1954 bytes
CSC553-lab1/bin/src/simpledb/LogFile.class
                                                | Bin 0 -> 10705 bytes
CSC553-lab1/bin/src/simpledb/Page.class
                                               | Bin 0 -> 339 bytes
CSC553-lab1/bin/src/simpledb/PageId.class
                                                | Bin 0 -> 237 bytes
CSC553-lab1/bin/src/simpledb/Permissions.class
                                                  | Bin 0 -> 662 bytes
CSC553-lab1/bin/src/simpledb/Predicate$Op.class
                                                   | Bin 0 -> 2007 bytes
CSC553-lab1/bin/src/simpledb/Predicate.class
                                                 | Bin 0 -> 1059 bytes
CSC553-lab1/bin/src/simpledb/RecordId.class
                                                 | Bin 0 -> 913 bytes
CSC553-lab1/bin/src/simpledb/SegScan.class
                                                 | Bin 0 -> 1678 bytes
CSC553-lab1/bin/src/simpledb/SimpleDb.class
                                                  | Bin 0 -> 4530 bytes
CSC553-lab1/bin/src/simpledb/StringField$1.class | Bin 0 -> 962 bytes
CSC553-lab1/bin/src/simpledb/StringField.class
                                                 | Bin 0 -> 2436 bytes
.../src/simpledb/TransactionAbortedException.class | Bin 0 -> 395 bytes
CSC553-lab1/bin/src/simpledb/TransactionId.class | Bin 0 -> 966 bytes
CSC553-lab1/bin/src/simpledb/Tuple.class
                                               | Bin 0 -> 2530 bytes
.../bin/src/simpledb/TupleDesc$TDItem.class
                                                | Bin 0 -> 936 bytes
CSC553-lab1/bin/src/simpledb/TupleDesc.class
                                                  | Bin 0 -> 4236 bytes
CSC553-lab1/bin/src/simpledb/TupleIterator.class | Bin 0 -> 1896 bytes
CSC553-lab1/bin/src/simpledb/Type$1.class
                                                 | Bin 0 -> 912 bytes
CSC553-lab1/bin/src/simpledb/Type$2.class
                                                 | Bin 0 -> 1119 bytes
CSC553-lab1/bin/src/simpledb/Type.class
                                               | Bin 0 -> 1402 bytes
CSC553-lab1/bin/src/simpledb/Utility.class
                                               | Bin 0 -> 5279 bytes
CSC553-lab1/bin/test/simpledb/CatalogTest.class
                                                 | Bin 0 -> 2347 bytes
.../bin/test/simpledb/HeapFileReadTest.class
                                                | Bin 0 -> 3495 bytes
CSC553-lab1/bin/test/simpledb/HeapPageIdTest.class | Bin 0 -> 1690 bytes
.../bin/test/simpledb/HeapPageReadTest.class
                                                 | Bin 0 -> 4628 bytes
CSC553-lab1/bin/test/simpledb/RecordIdTest.class | Bin 0 -> 1744 bytes
.../test/simpledb/TestUtil$CreateHeapFile.class
                                                | Bin 0 -> 1224 bytes
.../bin/test/simpledb/TestUtil$LockGrabber.class | Bin 0 -> 1926 bytes
.../bin/test/simpledb/TestUtil$MockScan.class
                                                 | Bin 0 -> 1797 bytes
.../bin/test/simpledb/TestUtil$SkeletonFile.class | Bin 0 -> 2049 bytes
CSC553-lab1/bin/test/simpledb/TestUtil.class
                                                | Bin 0 -> 5409 bytes
CSC553-lab1/bin/test/simpledb/TupleDescTest.class | Bin 0 -> 4425 bytes
```

```
CSC553-lab1/bin/test/simpledb/TupleTest.class
                                                | Bin 0 -> 2176 bytes
.../ScanTest$1InstrumentedHeapFile.class
                                              | Bin 0 -> 1005 bytes
.../bin/test/simpledb/systemtest/ScanTest.class | Bin 0 -> 4119 bytes
.../simpledb/systemtest/SimpleDbTestBase.class
                                               | Bin 0 -> 535 bytes
.../test/simpledb/systemtest/SystemTestUtil.class | Bin 0 -> 9603 bytes
CSC553-lab1/build.xml
                                      | 238 ++++++++
CSC553-lab1/kk.zip
                                    | Bin 0 -> 10276246 bytes
CSC553-lab1/lib/LICENSE.jzlib.txt
                                         | 29 ++
CSC553-lab1/lib/LICENSE.mina.txt
                                          177 ++++++
CSC553-lab1/lib/LICENSE.slf4j.txt
                                         | 28 ++
CSC553-lab1/lib/README
                                        | 24 +
CSC553-lab1/lib/jline-0.9.94.jar
                                        | Bin 0 -> 87325 bytes
CSC553-lab1/lib/junit-4.5.jar
                                       | Bin 0 -> 198945 bytes
CSC553-lab1/lib/jzlib-1.0.7.jar
                                       | Bin 0 -> 48521 bytes
CSC553-lab1/lib/mina-core-2.0.4.jar
                                           | Bin 0 -> 644933 bytes
CSC553-lab1/lib/mina-filter-compression-2.0.4.jar | Bin 0 -> 12683 bytes
CSC553-lab1/lib/slf4j-api-1.6.1.jar
                                        | Bin 0 -> 25496 bytes
CSC553-lab1/lib/zql.jar
                                    | Bin 0 -> 60101 bytes
CSC553-lab1/log
                                   0
CSC553-lab1/src/.DS Store
                                        | Bin 0 -> 6148 bytes
CSC553-lab1/src/java/.DS_Store
                                          | Bin 0 -> 6148 bytes
CSC553-lab1/src/java/simpledb/BufferPool.java
                                                | 182 ++++++
                                               | 162 ++++++
CSC553-lab1/src/java/simpledb/Catalog.java
CSC553-lab1/src/java/simpledb/Database.java
                                                | 62 +++
CSC553-lab1/src/java/simpledb/DbException.java
                                                  | 12 +
CSC553-lab1/src/java/simpledb/DbFile.java
                                               | 87 ++++
CSC553-lab1/src/java/simpledb/DbFileIterator.java | 41 ++
CSC553-lab1/src/java/simpledb/DbIterator.java
                                                | 56 +++
CSC553-lab1/src/java/simpledb/Debug.java
                                               | 54 +++
CSC553-lab1/src/java/simpledb/Field.java
                                              | 40 ++
CSC553-lab1/src/java/simpledb/HeapFile.java
                                                | 106 +++++
CSC553-lab1/src/java/simpledb/HeapFileEncoder.java | 226 ++++++++
CSC553-lab1/src/java/simpledb/HeapPage.java
                                                 | 305 +++++++++
CSC553-lab1/src/java/simpledb/HeapPageId.java
                                                  1 70 +++
CSC553-lab1/src/java/simpledb/IntField.java
                                               | 86 ++++
                                               | 510 ++++++++++++++++
CSC553-lab1/src/java/simpledb/LogFile.java
CSC553-lab1/src/java/simpledb/Page.java
                                              | 59 +++
                                               | 38 ++
CSC553-lab1/src/java/simpledb/PageId.java
CSC553-lab1/src/java/simpledb/Permissions.java
                                                 | 26 ++
CSC553-lab1/src/java/simpledb/Predicate.java
                                                | 121 +++++
CSC553-lab1/src/java/simpledb/RecordId.java
                                                | 67 +++
CSC553-lab1/src/java/simpledb/SeqScan.java
                                                109 +++++
CSC553-lab1/src/java/simpledb/SimpleDb.java
                                                | 100 ++++
CSC553-lab1/src/java/simpledb/StringField.java
                                                | 115 ++++
.../java/simpledb/TransactionAbortedException.java | 11 +
CSC553-lab1/src/java/simpledb/TransactionId.java | 31 ++
CSC553-lab1/src/java/simpledb/Tuple.java
                                              | 123 +++++
```

```
CSC553-lab1/src/java/simpledb/TupleDesc.java
                                               | 262 ++++++++
CSC553-lab1/src/java/simpledb/TupleIterator.java | 60 +++
CSC553-lab1/src/java/simpledb/Type.java
                                            | 63 +++
CSC553-lab1/src/java/simpledb/Utility.java
                                            | 157 ++++++
CSC553-lab1/test/.DS_Store
                                       | Bin 0 -> 6148 bytes
CSC553-lab1/test/simpledb/CatalogTest.java
                                              | 78 ++++
CSC553-lab1/test/simpledb/HeapFileReadTest.java | 130 ++++++
CSC553-lab1/test/simpledb/HeapPageIdTest.java
                                                | 86 ++++
CSC553-lab1/test/simpledb/HeapPageReadTest.java | 129 ++++++
CSC553-lab1/test/simpledb/RecordIdTest.java
                                              | 72 +++
CSC553-lab1/test/simpledb/TestUtil.java
                                           | 396 +++++++++++++
CSC553-lab1/test/simpledb/TupleDescTest.java
                                               177 ++++++
CSC553-lab1/test/simpledb/TupleTest.java
                                             | 67 +++
CSC553-lab1/test/simpledb/systemtest/ScanTest.java | 112 +++++
.../test/simpledb/systemtest/SimpleDbTestBase.java | 20 +
.../test/simpledb/systemtest/SystemTestUtil.java | 230 +++++++
114 files c 5334 insertions(+)
```