

Database creation:

```
async function createTable(db) {db.exec('CREATE TABLE IF NOT EXISTS keys ( kid
INTEGER PRIMARY KEY AUTOINCREMENT, key BLOB NOT NULL, exp INTEGER NOT NULL);');
```

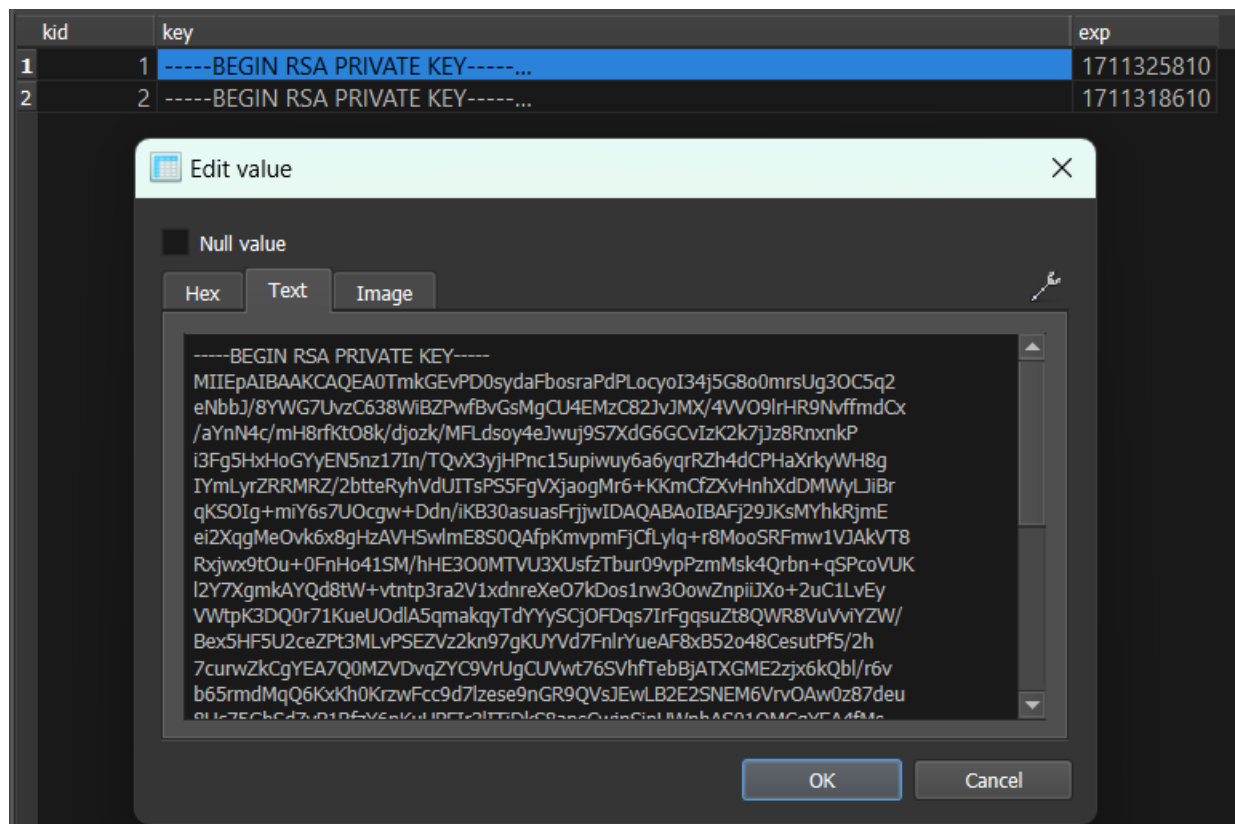
File created after beginning:

totally\_not\_my\_privateKeys.db

Add keys using parameterized insert:

```
let sqlQuery = 'INSERT INTO keys (key, exp) VALUES(:key, :exp)';
db.run(sqlQuery, [keyPair.toPEM(true), Math.floor(Date.now() / 1000) + 3600]);
db.run(sqlQuery, [expiredKeyPair.toPEM(true), Math.floor(Date.now() / 1000) -
3600]);
```

Results of insert:



Test Results:

PS C:\Users\tyler\Documents\UNT\CyberSecurity\project2\CSC3550-main> go run "c:\Users\tyler\Documents\UNT\CyberSecurity\project2\CSC3550-main\main.go" project2

RUBRIC ITEM	ERROR?	POSSIBLE	AWARDED
/auth valid JWT authN		15	15
Valid JWK found in JWKS		20	20
Database exists		15	15
Database query uses parameters	No sources files found with SQL insertion parameters	15	0
TOTAL		65	50

press any key to continue...