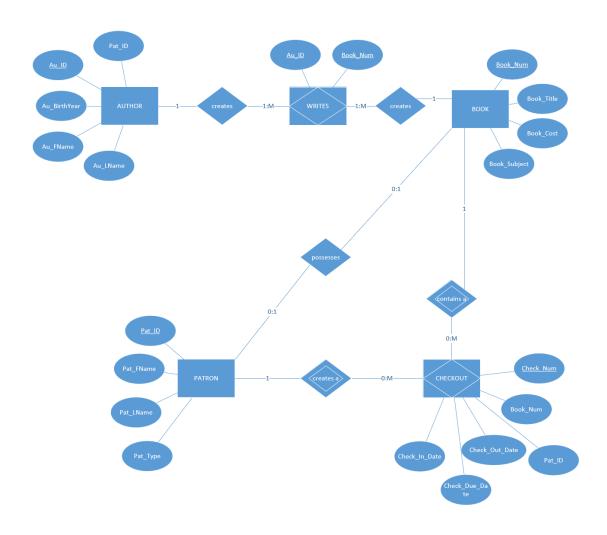
-Alex Merkley, Rylan J, Walker Nicholson, Jacob Forcht, Alex Weber The Jawnsons

Comprehensive group project

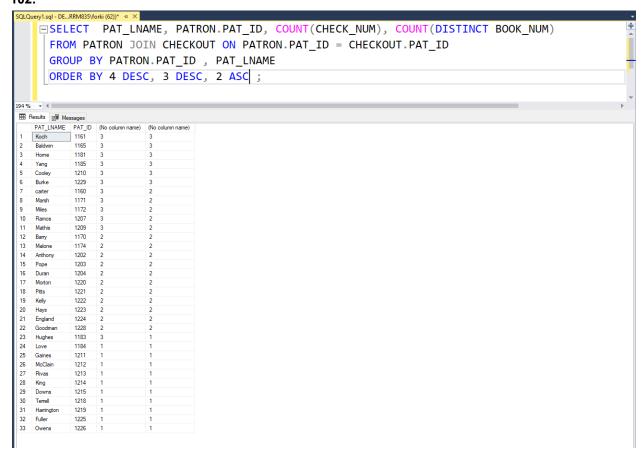
1) Create Chen and Relational diagrams from the ERD diagram you see on page 341



-

2) Complete the query questions from #102 to #105 in MS-SQL and show me the result of your query that you ran in MS SQL: Please pay attention to each request from the description and the data shown in figures from 7.102 to 7.105.

102.



103.

```
SQLQuery1.sql - DE..RRM835/forki (62))* * X

SELECT AVG(DATEDIFF(day, CHECK_OUT_DATE, CHECK_IN_DATE))AS 'Average Days Kept'

FROM CHECKOUT;

Beauts Messages

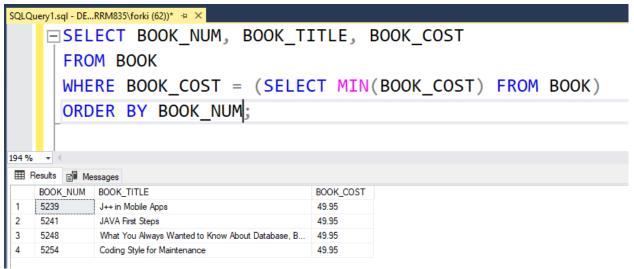
Average Days Kept

1
4
```

-104

```
SQLQuery1.sql - DE...RRM835\forki (62))* 😕 🔀
      □ SELECT PAT_ID, AVG(DATEDIFF(day, CHECK_OUT_DATE, CHECK_IN_DATE)) AS 'Average Days Kept'
         FROM CHECKOUT
         GROUP BY PAT_ID
         ORDER BY 2 DESC;
Results Messages
    PAT_ID Average Days Kept
    1219
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
     1218
    1222
1160
    1202
1203
     1165
     1183
     1172
    1181
1161
    1223
1224
1225
    1215
1229
    1170
1210
    1211
1174
1221
     1213
     1214
```

105.



3) Given the database structure on page 426, please use SQL commands: create, insert, update, delete, and save to answer problems 1, 2, 4, 5, 6, 7, 8, and 9 (PAGES 427-428). Please show me the result of your query that you ran in MS SQL. I need to see one of your team's names depicted on top of the screenshot showing that you have used MS SQL to conduct these exercises.

