

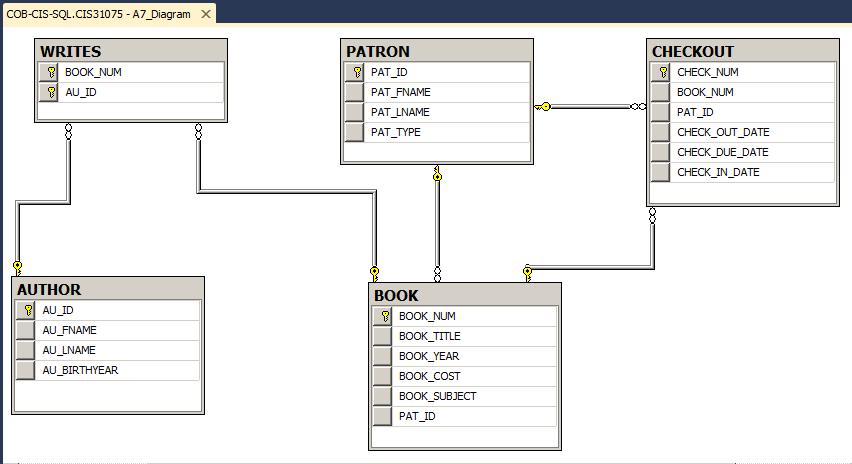
Patrick Waren

Assignment 7 – A7



October 23, 2017

CIS 310-01



--Patrick Warren

--CIS 310-01

--Assignment 7

--65

SELECT BOOK\_TITLE, BOOK\_COST, BOOK\_YEAR

FROM BOOK

--66

SELECT PAT\_FNAME, PAT\_LNAME

FROM PATRON

--67

SELECT CHECK\_NUM, CHECK\_OUT\_DATE, CHECK\_DUE\_DATE

FROM CHECKOUT

--68

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_YEAR

FROM BOOK

--69

SELECT DISTINCT BOOK\_YEAR

FROM BOOK

--70

SELECT DISTINCT BOOK\_SUBJECT

FROM BOOK

--71

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_COST

FROM BOOK

--72

SELECT CHECK\_NUM, BOOK\_NUM, PAT\_ID, CHECK\_OUT\_DATE, CHECK\_DUE\_DATE

FROM CHECKOUT

ORDER BY CHECK\_OUT\_DATE DESC

--73

SELECT BOOK\_TITLE, BOOK\_YEAR, BOOK\_SUBJECT

FROM BOOK

ORDER BY BOOK\_SUBJECT ASC, BOOK\_YEAR DESC, BOOK\_TITLE ASC

--74

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_YEAR

FROM BOOK

WHERE BOOK\_YEAR = 2012

--75

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_YEAR

FROM BOOK

WHERE BOOK\_SUBJECT = 'Database'

--76

SELECT CHECK\_NUM, BOOK\_NUM, CHECK\_OUT\_DATE

FROM CHECKOUT

WHERE CHECK\_OUT\_DATE < '2015-4-5'

--77

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_YEAR

FROM BOOK

WHERE BOOK\_YEAR > 2013 AND BOOK\_SUBJECT = 'Programming'

--78

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_YEAR, BOOK\_SUBJECT, BOOK\_COST

FROM BOOK

WHERE (BOOK\_SUBJECT = 'Middleware' OR BOOK\_SUBJECT = 'Cloud') And BOOK\_COST > 70

--79

SELECT \*

FROM AUTHOR

WHERE AU\_BIRTHYEAR >= '1980' AND AU\_BIRTHYEAR <= '1989'

--80

SELECT BOOK\_NUM, BOOK\_TITLE, BOOK\_YEAR

FROM BOOK

WHERE BOOK\_TITLE LIKE '%DATABASE%'

--81

SELECT PAT\_ID, PAT\_FNAME, PAT\_LNAME

FROM PATRON

WHERE PAT\_TYPE LIKE '%STUDENT%'

--82

SELECT \*

FROM PATRON

WHERE PAT\_LNAME LIKE 'C%'

--83

SELECT AU\_ID, AU\_FNAME, AU\_LNAME

FROM AUTHOR

WHERE AU\_BIRTHYEAR IS NULL

--84

SELECT AU\_ID, AU\_FNAME, AU\_LNAME

FROM AUTHOR

WHERE AU\_BIRTHYEAR IS NOT NULL

--85

SELECT CHECK\_NUM, BOOK\_NUM, PAT\_ID, CHECK\_OUT\_DATE, CHECK\_DUE\_DATE

FROM CHECKOUT

WHERE CHECK\_IN\_DATE IS NULL

ORDER BY BOOK\_NUM

--86

SELECT \*

FROM AUTHOR

ORDER BY AU\_BIRTHYEAR DESC, AU\_LNAME ASC

--87

SELECT COUNT(BOOK\_NUM) AS [Number of Books]

FROM BOOK

--88

SELECT COUNT(DISTINCT BOOK\_SUBJECT) AS [Number of Subjects]

FROM BOOK

--89

SELECT COUNT(BOOK\_NUM) AS [Available Books]

FROM BOOK

WHERE PAT\_ID IS NULL

--90

SELECT MAX(BOOK\_COST) AS [Most Expensive]

FROM BOOK

--91

SELECT MIN(BOOK\_COST) AS [Least Expensive]

FROM BOOK

--92

SELECT COUNT(DISTINCT PAT\_ID) AS [Different Patrons]

FROM CHECKOUT

--93

SELECT BOOK\_SUBJECT, COUNT(BOOK\_SUBJECT) AS [Books in Subject]

FROM BOOK

GROUP BY BOOK\_SUBJECT

ORDER BY COUNT(BOOK\_SUBJECT) DESC, BOOK\_SUBJECT ASC

--94

SELECT AU\_ID, COUNT(BOOK\_NUM) AS [Books Written]

FROM WRITES

GROUP BY AU\_ID

ORDER BY COUNT(BOOK\_NUM) DESC, AU\_ID ASC

--95

SELECT SUM(BOOK\_COST) AS [Library Value]

FROM BOOK