



A7

CIS 310-01
NICOLE SMITH

--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 < '04-05-2015'
```

--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 IN('MIDDLEWARE', 'CLOUD') AND
      BOOK_COST > 70
```

--79

```
SELECT AU_ID, AU_FNAME, AU_LNAME, AU_BIRTHYEAR
FROM AUTHOR
WHERE AU_BIRTHYEAR BETWEEN 1980 AND 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 = 'STUDENT'
```

--82

```
SELECT PAT_ID, PAT_FNAME, PAT_LNAME, PAT_TYPE
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 AU_ID, AU_FNAME, AU_LNAME, AU_BIRTHYEAR
FROM AUTHOR
ORDER BY AU_BIRTHYEAR DESC, AU_LNAME ASC
```

--87

```
SELECT COUNT(*) 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 [BOOK IN SUBJECT]
FROM BOOK
GROUP BY BOOK_SUBJECT
ORDER BY [BOOK IN SUBJECT] DESC, BOOK_SUBJECT ASC
```

```
--94
SELECT AU_ID, COUNT(BOOK_NUM) AS [BOOKS WRITTEN]
FROM WRITES
GROUP BY AU_ID
ORDER BY [BOOKS WRITTEN] DESC, AU_ID ASC
```

```
--95
SELECT SUM(BOOK_COST) AS [LIBRARY VALUE]
FROM BOOK
```

