Find the total number of crimes recorded in the CRIME table.

#%%sql SELECT primary type as "TYPE OF CRIME", COUNT(primary type) as SUM,

```
# (SELECT COUNT(primary_type) FROM CHICAGO_CRIME_DATA) as TOTAL

# FROM CHICAGO_CRIME_DATA GROUP BY primary_type;

%sql SELECT COUNT(*) FROM CHICAGO_CRIME_DATA;

* sqlite:///FinalDB.db
```

COUNT(*)

533

List community areas with per capita income less than 11000.

%sql SELECT COMMUNITY_AREA_NAME FROM CENSUS_DATA WHERE PER_CAPITA_INCOME < 11000; * sqlite:///FinalDB.db

COMMUNITY_AREA_NAME

West Garfield Park

South Lawndale

Fuller Park

Riverdale

List all case numbers for crimes involving minors?(children are not considered minors for the purposes of crime analysis) %sql SELECT CASE NUMBER, PRIMARY TYPE, DESCRIPTION FROM CHICAGO CRIME DATA WHERE DESCRIPTION LIKE '%MINOR%'

* sqlite:///FinalDB.db

Done.

CASE NUMBER PRIMARY TYPE DESCRIPTION

HL266884 LIQUOR LAW VIOLATION SELL/GIVE/DEL LIQUOR TO MINOR

HK238408 LIQUOR LAW VIOLATION ILLEGAL CONSUMPTION BY MINOR

Problem 4 List all kidnapping crimes involving a child? %sql SELECT CASE_NUMBER, PRIMARY_TYPE, DESCRIPTION FROM CHICAGO CRIME DATA WHERE PRIMARY TYPE='KIDNAPPING';

* sqlite:///FinalDB.db

Done.

CASE NUMBER PRIMARY TYPE DESCRIPTION

KIDNAPPING CHILD ABDUCTION/STRANGER HN144152

PUBLIC PEACE VIOLATION

Problem 5		
What kinds of crimes we	re recorded at schools?	
%sql SELECT DISTINCT(P	RIMARY_TYPE), DESCRIPTION, LOCATI	CON_DESCRIPTION FROM CHICA
* sqlite:///FinalDB.d	b	
PRIMARY_TYPE	DESCRIPTION	LOCATION_DESCRIPTION
BATTERY	SIMPLE	SCHOOL, PUBLIC, GROUNDS
BATTERY	PRO EMP HANDS NO/MIN INJURY	SCHOOL, PUBLIC, BUILDING
BATTERY	SIMPLE	SCHOOL, PUBLIC, BUILDING
CRIMINAL DAMAGE	TO VEHICLE	SCHOOL, PUBLIC, GROUNDS
NARCOTICS	POSS: HEROIN(WHITE)	SCHOOL, PUBLIC, GROUNDS
NARCOTICS	MANU/DEL:CANNABIS 10GM OR LESS	SCHOOL, PUBLIC, BUILDING
ASSAULT	PRO EMP HANDS NO/MIN INJURY	SCHOOL, PUBLIC, GROUNDS
CRIMINAL TRESPASS	TO LAND	SCHOOL, PUBLIC, GROUNDS
PUBLIC PEACE VIOLATION	BOMB THREAT	SCHOOL, PRIVATE, BUILDING

BOMB THREAT SCHOOL, PUBLIC, BUILDING

Problem 6 List the average safety score for each type of school.



Done. TYPE OF SCHOOL AVG(SAFETY SCORE)

49.52038369304557

49.62352941176471

48.0

* sqlite:///FinalDB.db

Riverdale

Fuller Park

Englewood

North Lawndale

East Garfield Park

List 5 community areas with highest % of households below poverty line

56.5

51.2

46.6

43.1

42.4

%sql SELECT COMMUNITY_AREA_NAME, PERCENT_HOUSEHOLDS_BELOW_POVERTY FROM CENSUS_DATA ORDER BY PERCENT_HOUSEHOLDS_BELOW_POVERTY DESC LIMIT 5;

COMMUNITY_AREA_NAME PERCENT_HOUSEHOLDS_BELOW_POVERTY

```
Which community area is most crime prone?
```

%sql SELECT CD.COMMUNITY AREA NAME, COUNT(CCD.primary type) AS TOTAL CRIMES\

```
FROM CENSUS DATA CD, CHICAGO CRIME DATA CCD\
    WHERE CD.community area number = CCD.community area number GROUP BY CD.COMMUNITY AREA NAME\
   HAVING TOTAL_CRIMES = (SELECT MAX(TOTAL_CRIMES) FROM (SELECT COUNT(CCD.primary type) AS TOTAL_CRIMES FROM CENSUS_DATA CD, CHICAGO_CRIME_DATA CCD\
   WHERE CD.community area number = CCD.community area number GROUP BY CD.COMMUNITY AREA NAME));
* sqlite:///FinalDB.db
```

Done.

COMMUNITY AREA NAME TOTAL CRIMES

Austin

Problem 9 Use a sub-query to find the name of the community area with highest hardship index

%sql SELECT COMMUNITY AREA NAME, HARDSHIP INDEX FROM CENSUS DATA WHERE HARDSHIP INDEX = (SELECT MAX(HARDSHIP INDEX) FROM CENSUS DATA);

* sqlite:///FinalDB.db Done.

Riverdale

COMMUNITY AREA NAME HARDSHIP INDEX

Use a sub-query to determine the Community Area Name with most number of crimes? %sql SELECT CD.COMMUNITY AREA NAME, COUNT(CCD.primary type) AS TOTAL CRIMES\

```
WHERE CD.community area number = CCD.community area number GROUP BY CD.COMMUNITY AREA NAME\
HAVING TOTAL CRIMES = (SELECT MAX(TOTAL CRIMES) FROM (SELECT COUNT(CCD.primary type) AS TOTAL CRIMES FROM CENSUS DATA CD, CHICAGO CRIME DATA CCD\
WHERE CD.community area number = CCD.community area number GROUP BY CD.COMMUNITY AREA NAME));
```

* sqlite:///FinalDB.db

Done.

FROM CENSUS DATA CD, CHICAGO CRIME DATA CCD\

COMMUNITY AREA NAME TOTAL CRIMES

Austin