Doug Strouth

CIS 228

City Jail Chapter 9

1)

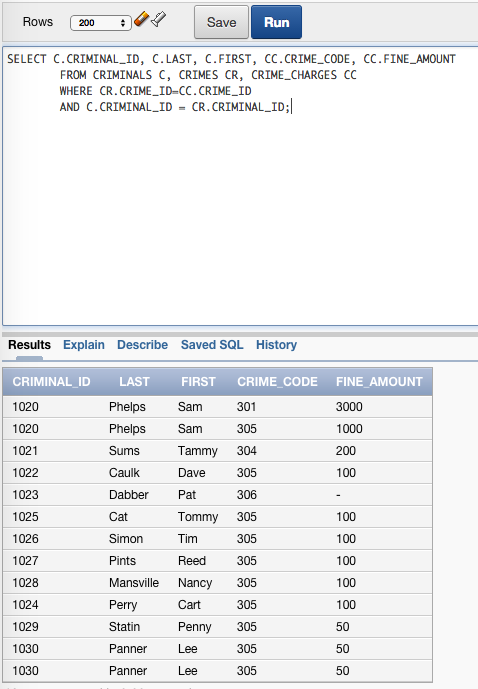
Traditional:

SELECT C.CRIMINAL\_ID, C.LAST, C.FIRST, CC.CRIME\_CODE, CC.FINE\_AMOUNT

FROM CRIMINALS C, CRIMES CR, CRIME\_CHARGES CC

WHERE CR.CRIME\_ID=CC.CRIME\_ID

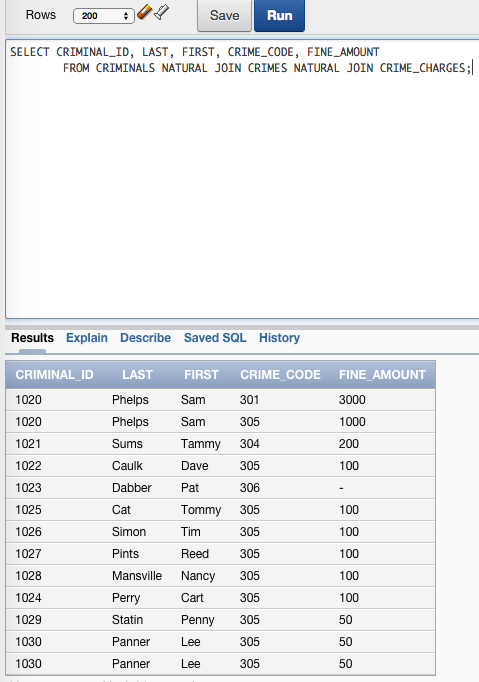
AND C.CRIMINAL\_ID = CR.CRIMINAL\_ID;



Join:

SELECT CRIMINAL\_ID, LAST, FIRST, CRIME\_CODE, FINE\_AMOUNT

FROM CRIMINALS NATURAL JOIN CRIMES NATURAL JOIN CRIME\_CHARGES;



2) Traditional:

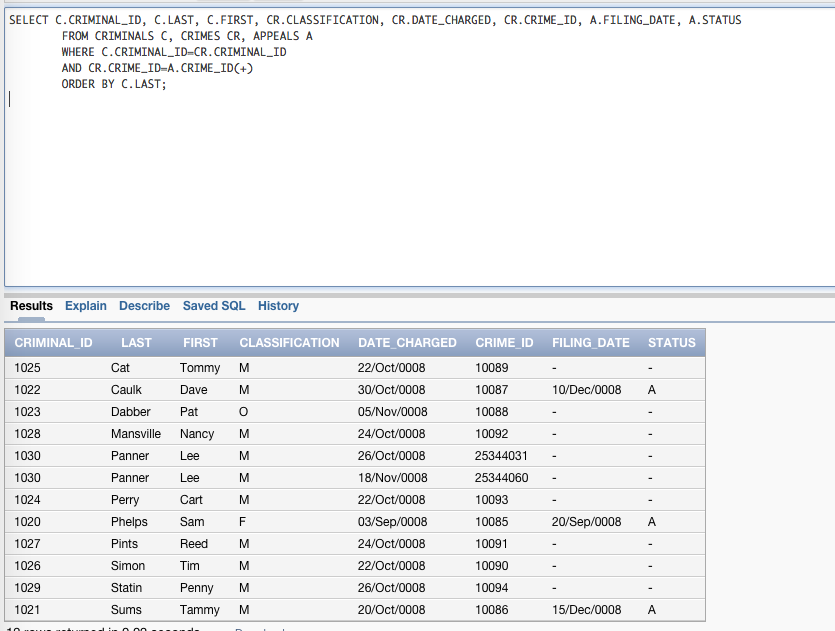
SELECT C.CRIMINAL\_ID, C.LAST, C.FIRST, CR.CLASSIFICATION, CR.DATE\_CHARGED, CR.CRIME\_ID, A.FILING\_DATE, A.STATUS

FROM CRIMINALS C, CRIMES CR, APPEALS A

WHERE C.CRIMINAL\_ID=CR.CRIMINAL\_ID

AND CR.CRIME\_ID=A.CRIME\_ID(+)

ORDER BY C.LAST;



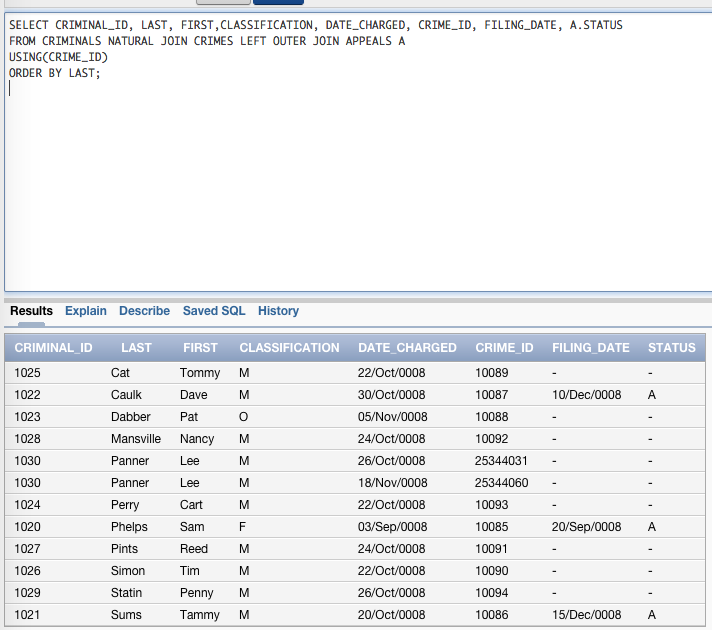
Join:

SELECT CRIMINAL\_ID, LAST, FIRST,CLASSIFICATION, DATE\_CHARGED, CRIME\_ID, FILING\_DATE, A.STATUS

FROM CRIMINALS NATURAL JOIN CRIMES LEFT OUTER JOIN APPEALS A

USING(CRIME\_ID)

ORDER BY LAST;



3) Traditional:

SELECT C.CRIMINAL\_ID, C.LAST, C.FIRST, CR.CLASSIFICATION, CR.DATE\_CHARGED, CC.CRIME\_CODE, CC.FINE\_AMOUNT

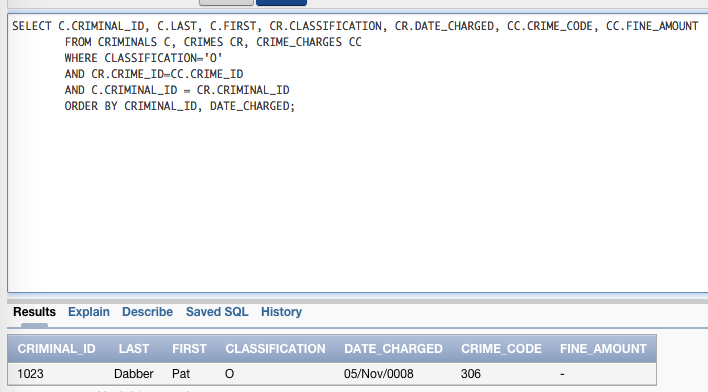
FROM CRIMINALS C, CRIMES CR, CRIME\_CHARGES CC

WHERE CLASSIFICATION='O'

AND CR.CRIME\_ID=CC.CRIME\_ID

AND C.CRIMINAL\_ID = CR.CRIMINAL\_ID

ORDER BY CRIMINAL\_ID, DATE\_CHARGED;

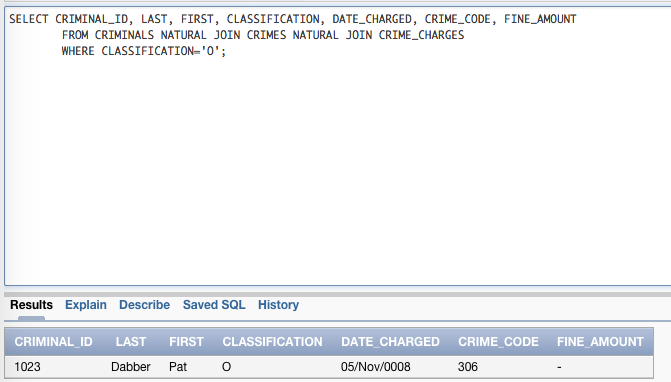


Join:

SELECT CRIMINAL\_ID, LAST, FIRST, CLASSIFICATION, DATE\_CHARGED, CRIME\_CODE, FINE\_AMOUNT

FROM CRIMINALS NATURAL JOIN CRIMES NATURAL JOIN CRIME\_CHARGES

WHERE CLASSIFICATION='O';



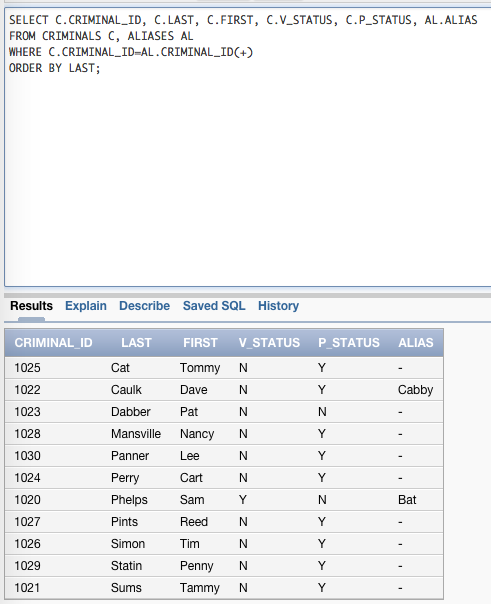
4) Traditional:

SELECT C.CRIMINAL\_ID, C.LAST, C.FIRST, C.V\_STATUS, C.P\_STATUS, AL.ALIAS

FROM CRIMINALS C, ALIASES AL

WHERE C.CRIMINAL\_ID=AL.CRIMINAL\_ID(+)

ORDER BY LAST;

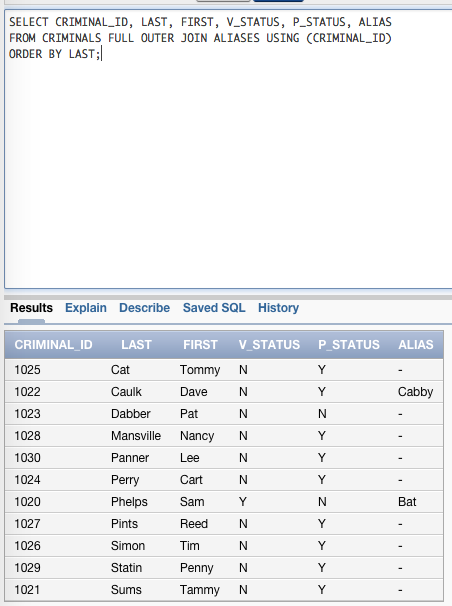


Join:

SELECT CRIMINAL\_ID, LAST, FIRST, V\_STATUS, P\_STATUS, ALIAS

FROM CRIMINALS FULL OUTER JOIN ALIASES USING (CRIMINAL\_ID)

ORDER BY LAST;



5) Traditional

SELECT C.LAST, C.FIRST, S.START\_DATE, S.END\_DATE, PR.CON\_FREQ

FROM CRIMINALS C, PROB\_CONTACT PR, SENTENCES S

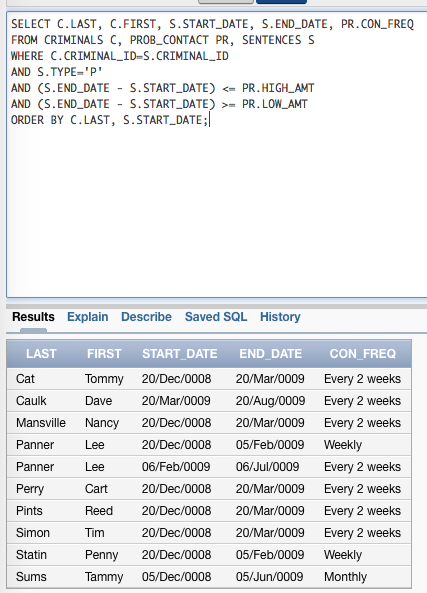
WHERE C.CRIMINAL\_ID=S.CRIMINAL\_ID

AND S.TYPE='P'

AND (S.END\_DATE - S.START\_DATE) <= PR.HIGH\_AMT

AND (S.END\_DATE - S.START\_DATE) >= PR.LOW\_AMT

ORDER BY C.LAST, S.START\_DATE;



Join

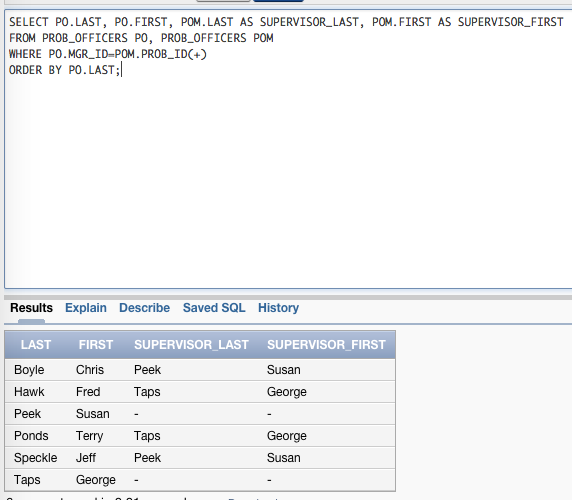
6) Traditional:

SELECT PO.LAST, PO.FIRST, POM.LAST AS SUPERVISOR\_LAST, POM.FIRST AS SUPERVISOR\_FIRST

FROM PROB\_OFFICERS PO, PROB\_OFFICERS POM

WHERE PO.MGR\_ID=POM.PROB\_ID(+)

ORDER BY PO.LAST;



Join

SELECT PO.LAST, PO.FIRST, POM.LAST AS SUPERVISOR\_LAST, POM.FIRST AS SUPERVISOR\_FIRST

FROM PROB\_OFFICERS PO LEFT OUTER JOIN PROB\_OFFICERS POM

ON PO.MGR\_ID=POM.PROB\_ID

ORDER BY PO.LAST;

