**COMP122 – Winter2017 Assigment2 \_ Section 06**

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**Section A:**

**Question 1:**

SELECT a.COLUMN\_NAME

FROM all\_cons\_columns a INNER JOIN all\_constraints c

ON a.constraint\_name = c.constraint\_name

WHERE (c.table\_name = 'ALIASES' AND c.constraint\_type = 'P') OR

(c.table\_name = 'CRIMINALS' AND c.constraint\_type = 'P') OR

(c.table\_name = 'CRIMES' AND c.constraint\_type = 'P') OR

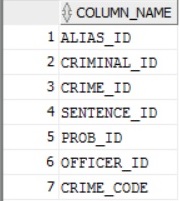
(c.table\_name = 'CRIMINALS\_DW' AND c.constraint\_type = 'P') OR

(c.table\_name = 'PROB\_OFFICERS' AND c.constraint\_type = 'P') OR

(c.table\_name = 'SENTENCES' AND c.constraint\_type = 'P') OR

(c.table\_name = 'OFFICERS' AND c.constraint\_type = 'P') OR

(c.table\_name = 'CRIME\_CODES' AND c.constraint\_type = 'P');



**Question 2:**

SELECT a.COLUMN\_NAME , a.table\_name

FROM all\_cons\_columns a INNER JOIN all\_constraints c

ON a.constraint\_name = c.constraint\_name

WHERE (c.table\_name = 'ALIASES' AND c.constraint\_type = 'R') OR

(c.table\_name = 'CRIMINALS' AND c.constraint\_type = 'R') OR

(c.table\_name = 'CRIMES' AND c.constraint\_type = 'R') OR

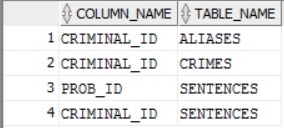
(c.table\_name = 'CRIMINALS\_DW' AND c.constraint\_type = 'R') OR

(c.table\_name = 'PROB\_OFFICERS' AND c.constraint\_type = 'R') OR

(c.table\_name = 'SENTENCES' AND c.constraint\_type = 'R') OR

(c.table\_name = 'OFFICERS' AND c.constraint\_type = 'R') OR

(c.table\_name = 'CRIME\_CODES' AND c.constraint\_type = 'R');



**Question 3:**

SELECT a.COLUMN\_NAME, c.table\_name

FROM all\_cons\_columns a INNER JOIN all\_constraints c

ON a.constraint\_name = c.constraint\_name

WHERE (c.table\_name = 'ALIASES' AND c.constraint\_type = 'C') OR

(c.table\_name = 'CRIMINALS' AND c.constraint\_type = 'C') OR

(c.table\_name = 'CRIMES' AND c.constraint\_type = 'C') OR

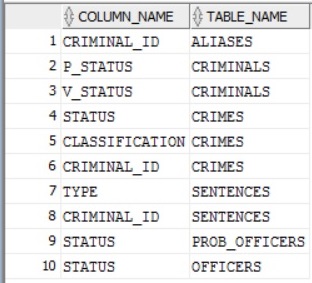
(c.table\_name = 'CRIMINALS\_DW' AND c.constraint\_type = 'C') OR

(c.table\_name = 'PROB\_OFFICERS' AND c.constraint\_type = 'C') OR

(c.table\_name = 'SENTENCES' AND c.constraint\_type = 'C') OR

(c.table\_name = 'OFFICERS' AND c.constraint\_type = 'C') OR

(c.table\_name = 'CRIME\_CODES' AND c.constraint\_type = 'C');



**Section B:**

**Question 1:**

SELECT CRIMINALS.CRIMINAL\_ID, CRIMINALS."LAST", CRIMINALS."FIRST", CRIME\_CHARGES.CRIME\_CODE, CRIME\_CHARGES.FINE\_AMOUNT

FROM CRIME\_CHARGES

INNER JOIN CRIME\_CODES

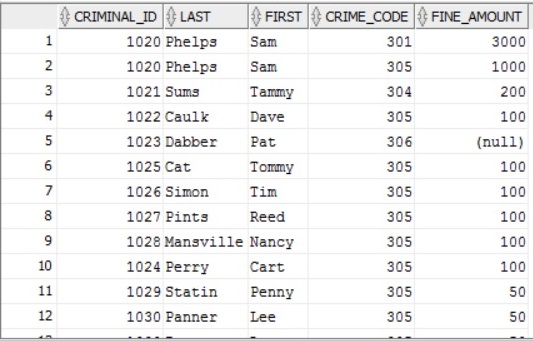
ON CRIME\_CODES.CRIME\_CODE = CRIME\_CHARGES.CRIME\_CODE

INNER JOIN CRIMES

ON CRIMES.CRIME\_ID = CRIME\_CHARGES.CRIME\_ID

INNER JOIN CRIMINALS

ON CRIMINALS.CRIMINAL\_ID = CRIMES.CRIMINAL\_ID



**Question 2:**

SELECT CRIMES.STATUS, APPEALS.STATUS AS APPEAL\_STATUS, CRIMINALS.CRIMINAL\_ID, CRIMINALS."LAST", CRIMINALS."FIRST", CRIMES.CLASSIFICATION, CRIMES.DATE\_CHARGED, APPEALS.FILING\_DATE

FROM CRIMES

LEFT JOIN CRIMINALS

ON CRIMINALS.CRIMINAL\_ID = CRIMES.CRIMINAL\_ID

FULL JOIN APPEALS

ON CRIMES.CRIME\_ID = APPEALS.CRIME\_ID



**Question 3:**

SELECT CRIMINALS."LAST", CRIMINALS."FIRST", CRIMINALS.CRIMINAL\_ID, CRIMES.CLASSIFICATION, CRIMES.DATE\_CHARGED, CRIME\_CHARGES.CRIME\_CODE, CRIME\_CHARGES.FINE\_AMOUNT

FROM CRIMES

INNER JOIN CRIMINALS

ON CRIMINALS.CRIMINAL\_ID = CRIMES.CRIMINAL\_ID

INNER JOIN CRIME\_CHARGES

ON CRIMES.CRIME\_ID = CRIME\_CHARGES.CRIME\_ID

WHERE CRIMES.CLASSIFICATION = 'O'



**Question 4:**

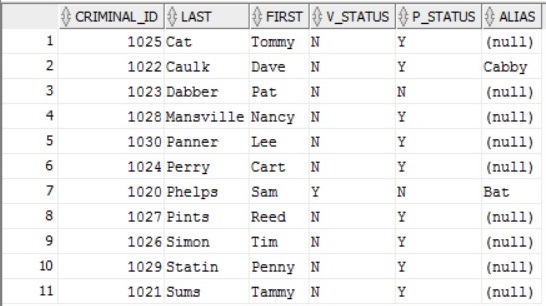
SELECT CRIMINALS.CRIMINAL\_ID, CRIMINALS."LAST", CRIMINALS."FIRST", CRIMINALS.V\_STATUS, CRIMINALS.P\_STATUS, ALIASES.ALIAS

FROM CRIMINALS

LEFT JOIN ALIASES

ON CRIMINALS.CRIMINAL\_ID = ALIASES.CRIMINAL\_ID

ORDER BY CRIMINALS."LAST"



**Question 5:**

SELECT CRIMINALS.CRIMINAL\_ID, SENTENCES.TYPE, CRIMINALS."LAST", CRIMINALS."FIRST", SENTENCES.START\_DATE, SENTENCES.END\_DATE, SENTENCES.END\_DATE - SENTENCES.START\_DATE AS PROB\_LENGTH,

CASE

WHEN SENTENCES.END\_DATE - SENTENCES.START\_DATE < 81

THEN 'Weekly'

WHEN SENTENCES.END\_DATE - SENTENCES.START\_DATE < 160

THEN 'Every 2 Weeks'

WHEN SENTENCES.END\_DATE - SENTENCES.START\_DATE < 500

THEN 'Monthly'

END AS PROB\_PERIOD

FROM CRIMINALS

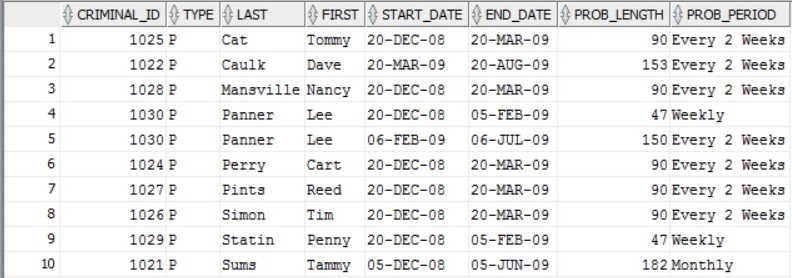
INNER JOIN SENTENCES

ON CRIMINALS.CRIMINAL\_ID = SENTENCES.CRIMINAL\_ID

WHERE SENTENCES.TYPE = 'P'

ORDER BY CRIMINALS."LAST",

SENTENCES.START\_DATE



**Section C:**

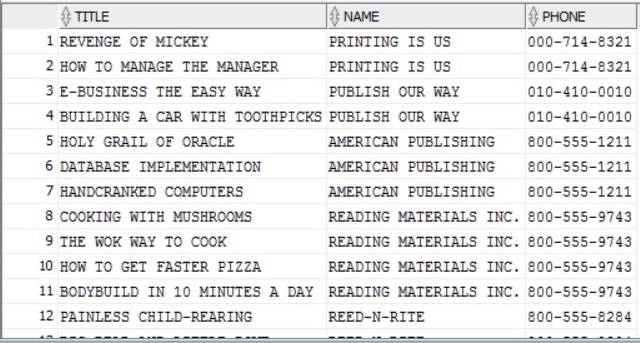
**Question 1:**

SELECT BOOKS.TITLE, PUBLISHER.NAME, PUBLISHER.PHONE

FROM PUBLISHER

INNER JOIN BOOKS

ON PUBLISHER.PUBID = BOOKS.PUBID



**Question 3:**

SELECT CUSTOMERS.CUSTOMER#, CUSTOMERS.LASTNAME, CUSTOMERS.FIRSTNAME, CUSTOMERS.STATE, BOOKS.CATEGORY

FROM BOOKS

INNER JOIN ORDERITEMS

ON BOOKS.ISBN = ORDERITEMS.ISBN

INNER JOIN ORDERS

ON ORDERS.ORDER# = ORDERITEMS.ORDER#

INNER JOIN CUSTOMERS

ON CUSTOMERS.CUSTOMER# = ORDERS.CUSTOMER#

WHERE CUSTOMERS.STATE = 'FL'

AND BOOKS.CATEGORY = 'COMPUTER'

