Cis 228

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Chap: 10

Program/Assignment: selected single-row functions

Title: City Jail

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|  | 1.  SELECT crime\_id, classification, date\_charged, hearing\_date  FROM crimes  WHERE (hearing\_date - date\_charged ) > 14; |
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|  | 2.  SELECT DISTINCT SUBSTR(precinct, 2, 1) "Second Letter of Precinct Code",  CASE  WHEN (TO\_CHAR(SUBSTR(precinct, 2, 1))) = 'A' THEN 'Shady Grove'  WHEN (TO\_CHAR(SUBSTR(precinct, 2, 1))) = 'B' THEN 'Center City'  WHEN (TO\_CHAR(SUBSTR(precinct, 2, 1))) = 'C' THEN 'Bay Landing'  ELSE 'other'  END "Description"  FROM officers  WHERE status = 'A'; |
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|  | 3.  SELECT C.CRIMINAL\_ID, UPPER(C.LAST), UPPER(C.FIRST), S.SENTENCE\_ID, TO\_CHAR(S.START\_DATE, 'MONTH DD, YYYY') AS "START DATE", ROUND(MONTHS\_BETWEEN(S.END\_DATE,S.START\_DATE)) AS "LENGTH OF SENTENCE"  FROM CRIMINALS C, SENTENCES S  WHERE C.CRIMINAL\_ID=S.CRIMINAL\_ID; |
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|  | 4.  SELECT LAST, FIRST, CHARGE\_ID, TO\_CHAR((FINE\_AMOUNT+COURT\_FEE), '$9999.99') AS "TOTAL AMOUNT OWED", TO\_CHAR(AMOUNT\_PAID,'$999.99') AS "AMOUNT PAID", TO\_CHAR(((FINE\_AMOUNT+COURT\_FEE)-AMOUNT\_PAID), '$9999.99') AS "AMOUNT OWED", PAY\_DUE\_DATE AS "PAY DUE DATE"  FROM CRIMINALS NATURAL JOIN CRIMES NATURAL JOIN CRIME\_CHARGES  WHERE ((FINE\_AMOUNT+COURT\_FEE)-AMOUNT\_PAID) >0; |
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|  | 5.  SELECT C.LAST, C.FIRST, S.START\_DATE, ADD\_MONTHS(START\_DATE, 2) AS "PROBATION REVIEW HEARING"  FROM CRIMINALS C NATURAL JOIN SENTENCES S  WHERE TYPE='P'  AND MONTHS\_BETWEEN(END\_DATE,START\_DATE) > 2; |
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|  | 6.  INSERT INTO APPEALS (APPEAL\_ID,CRIME\_ID, FILING\_DATE, HEARING\_DATE)  VALUES (APPEALS\_ID\_SEQ.NEXTVAL, :CRIME\_ID, TO\_DATE(:FILING\_DATE, 'MM DD YYYY'), TO\_DATE(:HEARING\_DATE, 'MM DD YYYY')); |
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