**Juvie V. Cano BSIT – Programming 2 – E**

**Post - Test**

1. Create queries that use TO\_CHAR, TO\_DATE and other DATE functions

SELECT FIRST\_NAME, TO\_CHAR (hire\_date,'DD-Mon-YYYY')

from HR."EMPLOYEES";

WHERE HIRE\_DATE <TO\_DATE('01 Sept, 15',' DD Mon,RR');

|  |  |
| --- | --- |
| **FIRST\_NAME** | **TO\_CHAR(HIRE\_DATE,'DD-MON-YYYY')** |
| Steven | 17-Jun-2003 |
| Neena | 21-Sep-2005 |
| Lex | 13-Jan-2001 |
| Alexander | 03-Jan-2006 |
| Bruce | 21-May-2007 |
| David | 25-Jun-2005 |
| Valli | 05-Feb-2006 |
| Diana | 07-Feb-2007 |
| Nancy | 17-Aug-2002 |
| Daniel | 16-Aug-2002 |
| John | 28-Sep-2005 |
| Ismael | 30-Sep-2005 |
| Jose Manuel | 07-Mar-2006 |
| Luis | 07-Dec-2007 |
| Den | 07-Dec-2002 |
| Alexander | 18-May-2003 |
| Shelli | 24-Dec-2005 |
| Sigal | 24-Jul-2005 |
| Guy | 15-Nov-2006 |
| Karen | 10-Aug-2007 |
| Matthew | 18-Jul-2004 |
| Adam | 10-Apr-2005 |
| Payam | 01-May-2003 |
| Shanta | 10-Oct-2005 |
| Kevin | 16-Nov-2007 |
| Julia | 16-Jul-2005 |
| Irene | 28-Sep-2006 |
| James | 14-Jan-2007 |
| Steven | 08-Mar-2008 |
| Laura | 20-Aug-2005 |
| Mozhe | 30-Oct-2005 |
| James | 16-Feb-2005 |
| TJ | 10-Apr-2007 |
| Jason | 14-Jun-2004 |
| Michael | 26-Aug-2006 |
| Ki | 12-Dec-2007 |
| Hazel | 06-Feb-2008 |
| Renske | 14-Jul-2003 |
| Stephen | 26-Oct-2005 |
| John | 12-Feb-2006 |
| Joshua | 06-Apr-2006 |
| Trenna | 17-Oct-2003 |
| Curtis | 29-Jan-2005 |
| Randall | 15-Mar-2006 |
| Peter | 09-Jul-2006 |
| John | 01-Oct-2004 |
| Karen | 05-Jan-2005 |
| Alberto | 10-Mar-2005 |
| Gerald | 15-Oct-2007 |
| Eleni | 29-Jan-2008 |

1. Create queries that use conditional expression such as CASE, searced CASE and DECODE

***CASE***

SELECT last\_name, job\_id, salary,

       CASE department\_id WHEN 40 THEN 1.2\*salary

                         WHEN 10 THEN 2.5\*salary

       ELSE salary

       END "REVISED SALARY"

FROM hr.employe*es;*

LAST\_NAME JOB\_ID SALARY REVISED SALARY

King AD\_PRES 24000 24000

Kochhar AD\_VP 17000 17000

De Haan AD\_VP 17000 17000

Hunold IT\_PROG 9000 9000

Ernst IT\_PROG 6000 6000

Austin IT\_PROG 4800 4800

Pataballa IT\_PROG 4800 4800

Lorentz IT\_PROG 4200 4200

Greenberg FI\_MGR 12008 12008

Faviet FI\_ACCOUNT 9000 9000

Chen FI\_ACCOUNT 8200 8200

Sciarra FI\_ACCOUNT 7700 7700

Urman FI\_ACCOUNT 7800 7800

Popp FI\_ACCOUNT 6900 6900

Raphaely PU\_MAN 11000 11000

Khoo PU\_CLERK 3100 3100

Baida PU\_CLERK 2900 2900

Tobias PU\_CLERK 2800 2800

Himuro PU\_CLERK 2600 2600

Colmenares PU\_CLERK 2500 2500

Weiss ST\_MAN 8000 8000

Fripp ST\_MAN 8200 8200

Kaufling ST\_MAN 7900 7900

Vollman ST\_MAN 6500 6500

Mourgos ST\_MAN 5800 5800

Nayer ST\_CLERK 3200 3200

Mikkilineni ST\_CLERK 2700 2700

Landry ST\_CLERK 2400 2400

Markle ST\_CLERK 2200 2200

Bissot ST\_CLERK 3300 3300

Atkinson ST\_CLERK 2800 2800

Marlow ST\_CLERK 2500 2500

Olson ST\_CLERK 2100 2100

Mallin ST\_CLERK 3300 3300

Rogers ST\_CLERK 2900 2900

Gee ST\_CLERK 2400 2400

Philtanker ST\_CLERK 2200 2200

Ladwig ST\_CLERK 3600 3600

Stiles ST\_CLERK 3200 3200

Seo ST\_CLERK 2700 2700

Patel ST\_CLERK 2500 2500

Rajs ST\_CLERK 3500 3500

Davies ST\_CLERK 3100 3100

Matos ST\_CLERK 2600 2600

Vargas ST\_CLERK 2500 2500

Russell SA\_MAN 14000 14000

Partners SA\_MAN 13500 13500

Errazuriz SA\_MAN 12000 12000

Cambrault SA\_MAN 11000 11000

Zlotkey SA\_MAN 10500 10500

***SEARCHED CASE***

SELECT job\_id, first\_name, salary,

   (CASE WHEN salary>10000 THEN 'High'

         WHEN salary>6000 THEN 'Medium'

         WHEN salary<5000 THEN 'Low'

         ELSE 'Good'

    END) qualified\_salary

FROM hr.employees;

JOB\_ID FIRST\_NAME SALARY QUALIFIED\_SALARY

AD\_PRES Steven 24000 High

AD\_VP Neena 17000 High

AD\_VP Lex 17000 High

IT\_PROG Alexander 9000 Medium

IT\_PROG Bruce 6000 Good

IT\_PROG David 4800 Low

IT\_PROG Valli 4800 Low

IT\_PROG Diana 4200 Low

FI\_MGR Nancy 12008 High

FI\_ACCOUNT Daniel 9000 Medium

FI\_ACCOUNT John 8200 Medium

FI\_ACCOUNT Ismael 7700 Medium

FI\_ACCOUNT Jose Manuel 7800 Medium

FI\_ACCOUNT Luis 6900 Medium

PU\_MAN Den 11000 High

PU\_CLERK Alexander 3100 Low

PU\_CLERK Shelli 2900 Low

PU\_CLERK Sigal 2800 Low

PU\_CLERK Guy 2600 Low

PU\_CLERK Karen 2500 Low

ST\_MAN Matthew 8000 Medium

ST\_MAN Adam 8200 Medium

ST\_MAN Payam 7900 Medium

ST\_MAN Shanta 6500 Medium

ST\_MAN Kevin 5800 Good

ST\_CLERK Julia 3200 Low

ST\_CLERK Irene 2700 Low

ST\_CLERK James 2400 Low

ST\_CLERK Steven 2200 Low

ST\_CLERK Laura 3300 Low

ST\_CLERK Mozhe 2800 Low

ST\_CLERK James 2500 Low

ST\_CLERK TJ 2100 Low

ST\_CLERK Jason 3300 Low

ST\_CLERK Michael 2900 Low

ST\_CLERK Ki 2400 Low

ST\_CLERK Hazel 2200 Low

ST\_CLERK Renske 3600 Low

ST\_CLERK Stephen 3200 Low

ST\_CLERK John 2700 Low

ST\_CLERK Joshua 2500 Low

ST\_CLERK Trenna 3500 Low

ST\_CLERK Curtis 3100 Low

ST\_CLERK Randall 2600 Low

ST\_CLERK Peter 2500 Low

SA\_MAN John 14000 High

SA\_MAN Karen 13500 High

SA\_MAN Alberto 12000 High

SA\_MAN Gerald 11000 High

SA\_MAN Eleni 10500 High

***DECODE***

SELECT last\_name, salary,

       DECODE(salary, 40, 1.2\*salary,

                      10, 2.5\*salary,

              salary)

       "REVISED SALARY"

FROM hr.Employees;

LAST\_NAMESALARY REVISED SALARY

King 24000 24000

Kochhar 17000 17000

De Haan 17000 17000

Hunold 9000 9000

Ernst 6000 6000

Austin 4800 4800

Pataballa 4800 4800

Lorentz 4200 4200

Greenberg 12008 12008

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Baida 2900 2900

Tobias 2800 2800

Himuro 2600 2600

Colmenares 2500 2500

Weiss 8000 8000

Fripp 8200 8200

Kaufling 7900 7900

Vollman 6500 6500

Mourgos 5800 5800

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Russell 14000 14000

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Errazuriz 12000 12000

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Zlotkey 10500 10500