DBS311 Lab 1 (10 marks)

Review

1. Create the following tables in your Oracle account using the lab handout Create Patient and Insurance:

PATIENT

Text

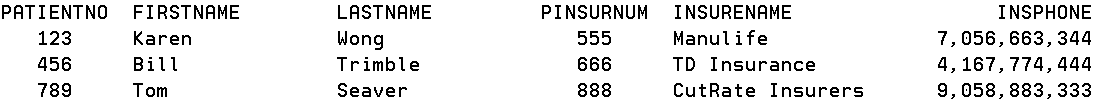
Description automatically generated with medium confidence

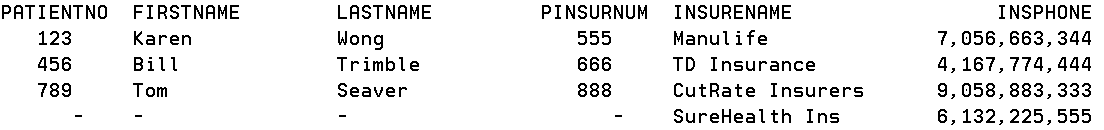
INSURANCE

Text

Description automatically generated

2. Be prepared to produce the following output for your professor in the lab: (1 Mark)





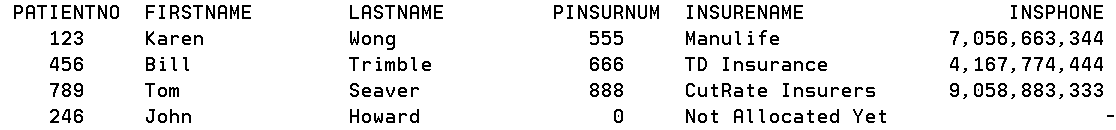
Table

Description automatically generated with medium confidence

3. Find the Oracle equivalent for the following DB2 statement: (1 Mark)

Graphical user interface, text, application

Description automatically generated



4. Adjust your tables so you can demonstrate enforcing referential integrity. (2 marks)

5. Find the Oracle equivalent for the following DB2 statement: (1 Mark)

A picture containing diagram

Description automatically generated

If the current date was Sept 10,2022 this would produce:

Diagram

Description automatically generated with medium confidence

Oracle uses ToChar, SYSDATE, ‘fmMonth, fmdd, ‘YYYY’ and dual

6. Make a copy of your patient table with data in PATIENT3, add a birthdate column with appropriate data and put back John Howard.

The birthdates data shows and the John Howard record now uses a PINSURNUM of 444

Graphical user interface, text, application

Description automatically generated

7. Find the Oracle equivalent for the following DB2 statement discussed in class: (2 Marks)

Text

Description automatically generated

Text

Description automatically generated

It can look like this – but maybe you can get closer to the DB2 example

(note the age is slightly different with the two result sets)

Graphical user interface, text, application, email

Description automatically generated

Some character functions:

8. Show the insurance company names that end in E (1 mark)

Graphical user interface

Description automatically generated with low confidence

9. Provide this output using PATIENT3 AND INSURANCE (string handling on patient name and numeric phone) (1 mark)

Text

Description automatically generated with medium confidence

10 Demonstrate the use of a variable in a select statement where clause. (1 mark)