Database Design – 2023S

Student ID :

Student Name :

Practical Activity# 7

Create the tables and insert the data to the required tables using the script i have uploded with this Assignment

Then show the tables created

Must show connection name / login name in every screen

Write SQL Statements to retrieve the data in each of the following cases

**** Rename the first column in every SQL Statement with your first name (Except for the Question 1)**

i.e crime_ID AS "sagara_Crime_ID"

Follow the same guidleines given in previous assignments

Questions

Activity 1

1. Produce a list of all customer names in which the first letter of the first and last names is in uppercase and the rest are in lowercase.

2. Create a list of all customer numbers along with text indicating whether the customer has been referred by another customer. Display the text "NOT REFERRED" if the customer wasn't referred to JustLee Books by another customer or "REFERRED" if the customer was referred.

Activity 2

3. Display a list of all book titles and the percentage of markup for each book. The percentage of markup should be displayed as a whole number (that is, multiplied by 100) with no decimal position, followed by a percent sign (for example, .2793 = 28%). (The percentage of markup should reflect the difference between the retail and cost

amounts as a percent of the cost.) of markup should reflect the difference between the retail and cost amounts as a percent of the cost.)

4. Display the current day of the week, hour, minutes, and seconds of the current date setting on the computer you're using.

Activity 3

5. Create a list of all book titles and costs. Precede each book's cost with asterisks so that the width of the displayed Cost field is 12.

6.Using today's date, determine the age (in months) of each book that JustLee sells. Make sure only whole months are displayed; ignore any portions of months. Display the book title, publication date, current date, and age.

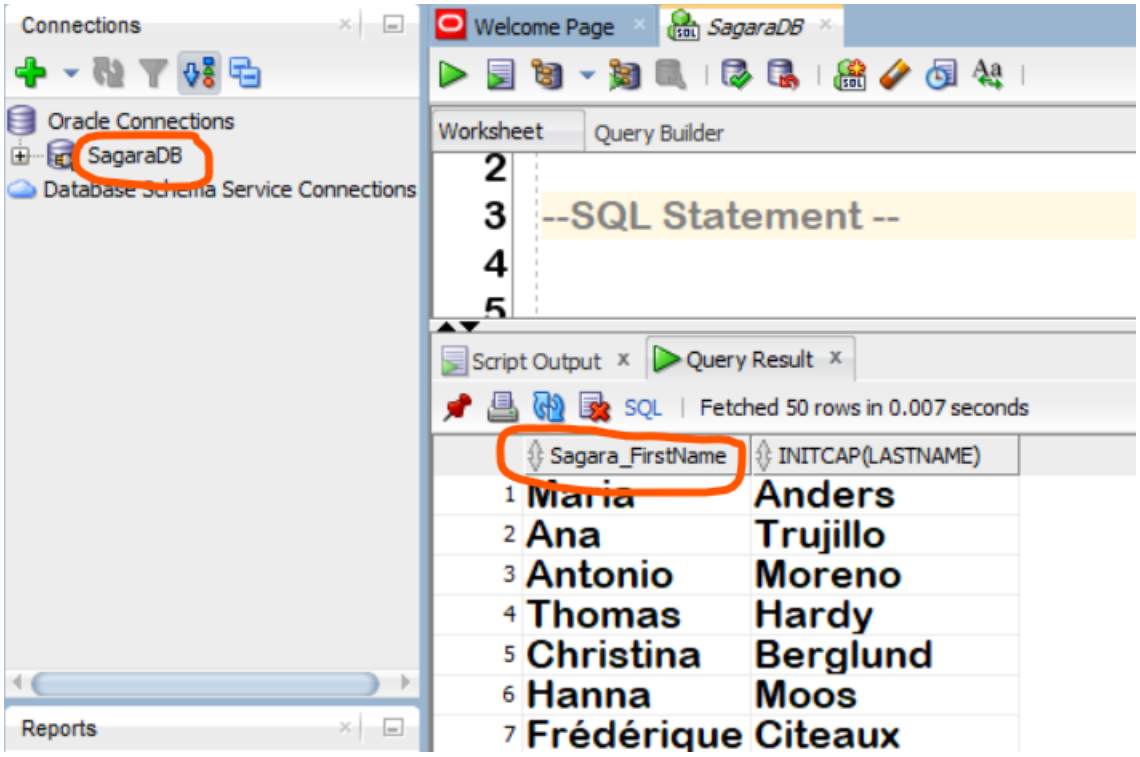
Activity 4

7. Determine the calendar date of the next occurrence of Wednesday, based on today's date.

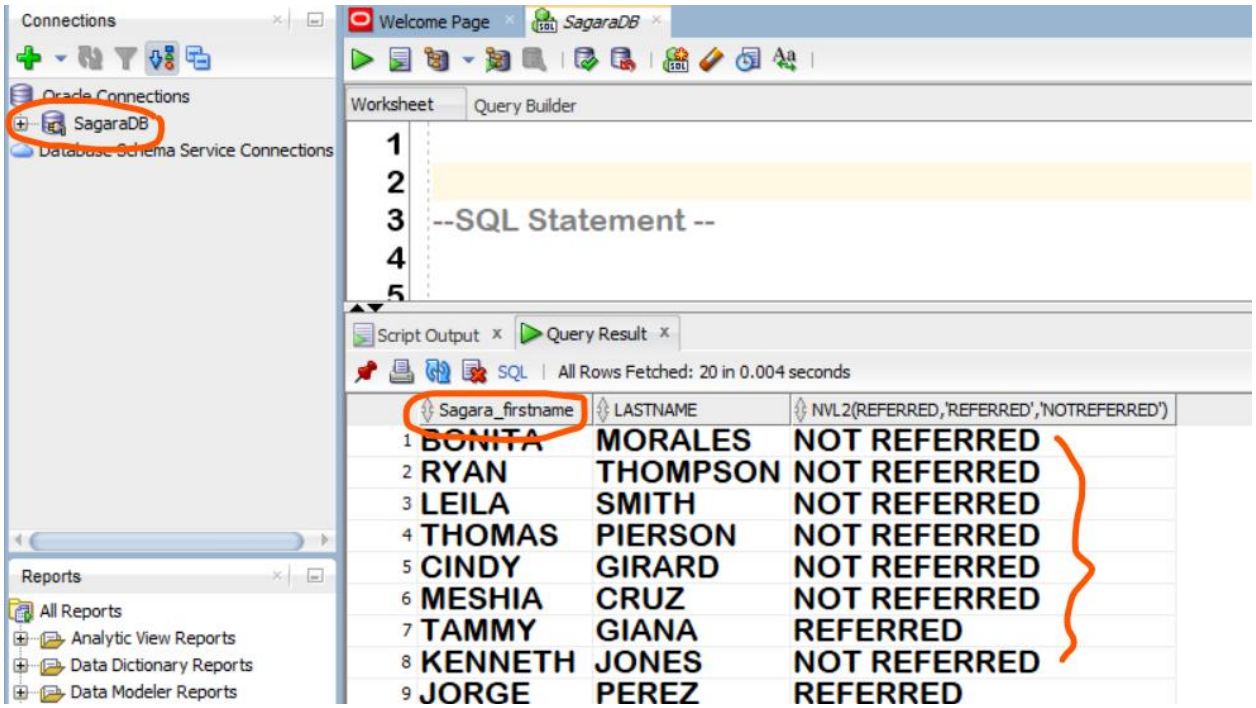
8. Produce a list of each customer number and the third and fourth digits of his or her zip code. The query should also display the position of the first occurrence of a 3 in the customer number, if it exists.

Sample Output is shown below (You must show all complete screen shot with connection name / login name + output + explanation (do not copy SQL as a explanation)

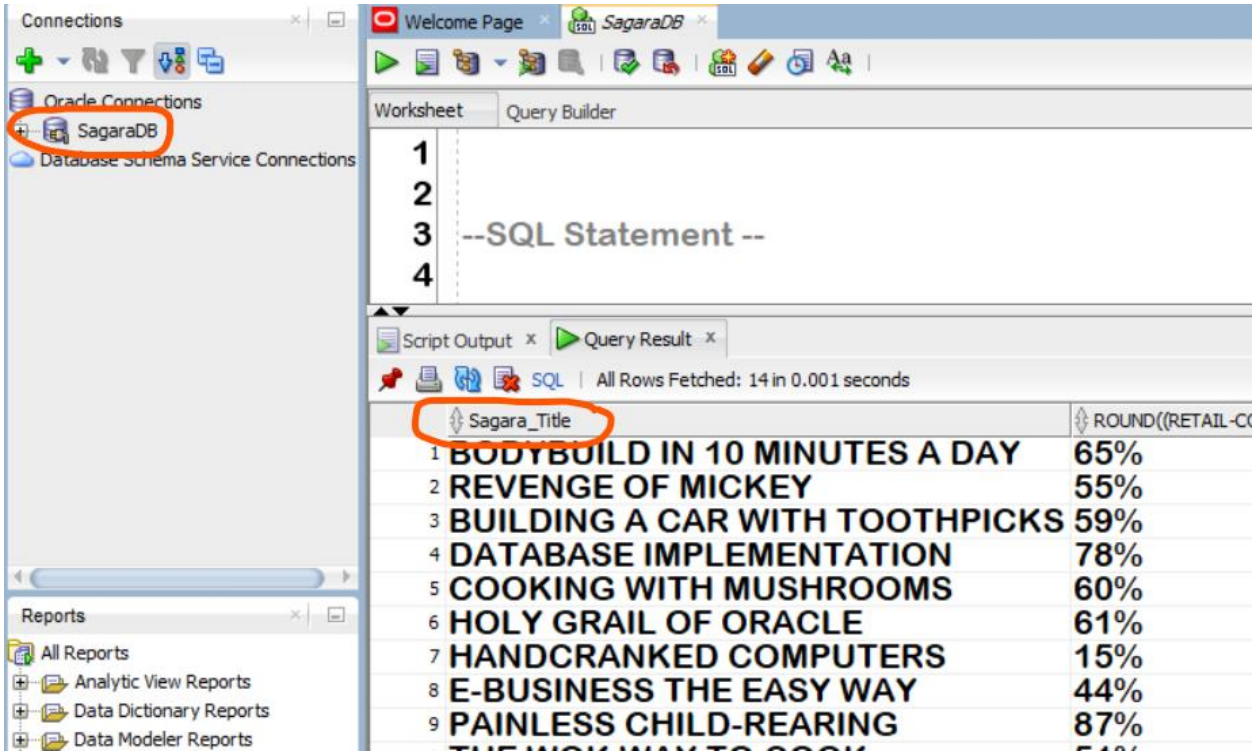
1.


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Reports
Welcome Page
SagaraDB
Worksheet
Query Builder
--SQL Statement --
Script Output
Query Result
SQL | Fetched 50 rows in 0.007 seconds
Sagara_FirstName
INITCAP(LASTNAME)
1 Maria Anders
2 Ana Trujillo
3 Antonio Moreno
4 Thomas Hardy
5 Christina Berglund
6 Hanna Moos
7 Frédérique Citeaux

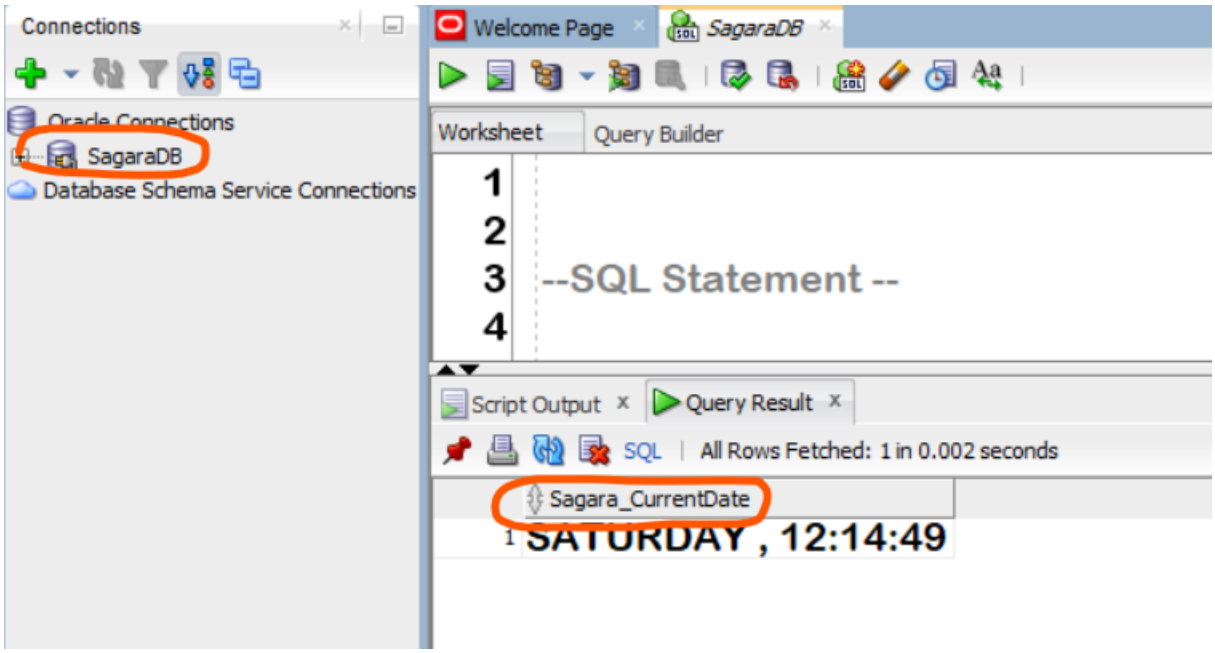
2


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Reports
All Reports
Analytic View Reports
Data Dictionary Reports
Data Modeler Reports
Welcome Page
SagaraDB
Worksheet
Query Builder
--SQL Statement --
Script Output
Query Result
SQL | All Rows Fetched: 20 in 0.004 seconds
Sagara_firstname
LASTNAME
NVL2(REFERRED,'REFERRED','NOTREFERRED')
1 BONITA MORALES NOT REFERRED
2 RYAN THOMPSON NOT REFERRED
3 LEILA SMITH NOT REFERRED
4 THOMAS PIERSON NOT REFERRED
5 CINDY GIRARD NOT REFERRED
6 MESHIA CRUZ NOT REFERRED
7 TAMMY GIANA REFERRED
8 KENNETH JONES NOT REFERRED
9 JORGE PEREZ REFERRED

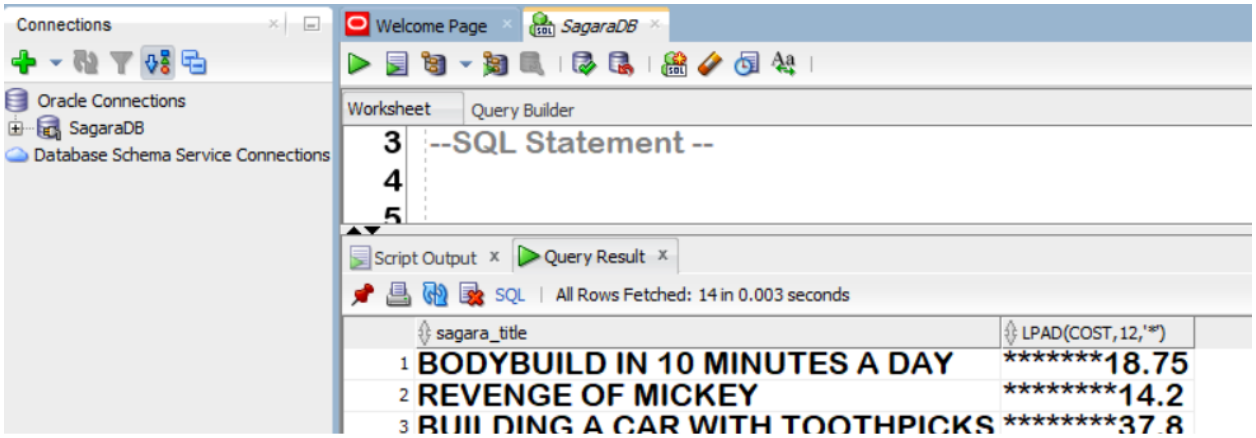
3


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Reports
All Reports
Analytic View Reports
Data Dictionary Reports
Data Modeler Reports
Welcome Page
SagaraDB
Worksheet
Query Builder
--SQL Statement --
Script Output
Query Result
SQL | All Rows Fetched: 14 in 0.001 seconds
Sagara_Title
ROUND((RETAIL-C
1 BODYBUILD IN 10 MINUTES A DAY 65%
2 REVENGE OF MICKEY 55%
3 BUILDING A CAR WITH TOOTHPICKS 59%
4 DATABASE IMPLEMENTATION 78%
5 COOKING WITH MUSHROOMS 60%
6 HOLY GRAIL OF ORACLE 61%
7 HANDCRANKED COMPUTERS 15%
8 E-BUSINESS THE EASY WAY 44%
9 PAINLESS CHILD-REARING 87%

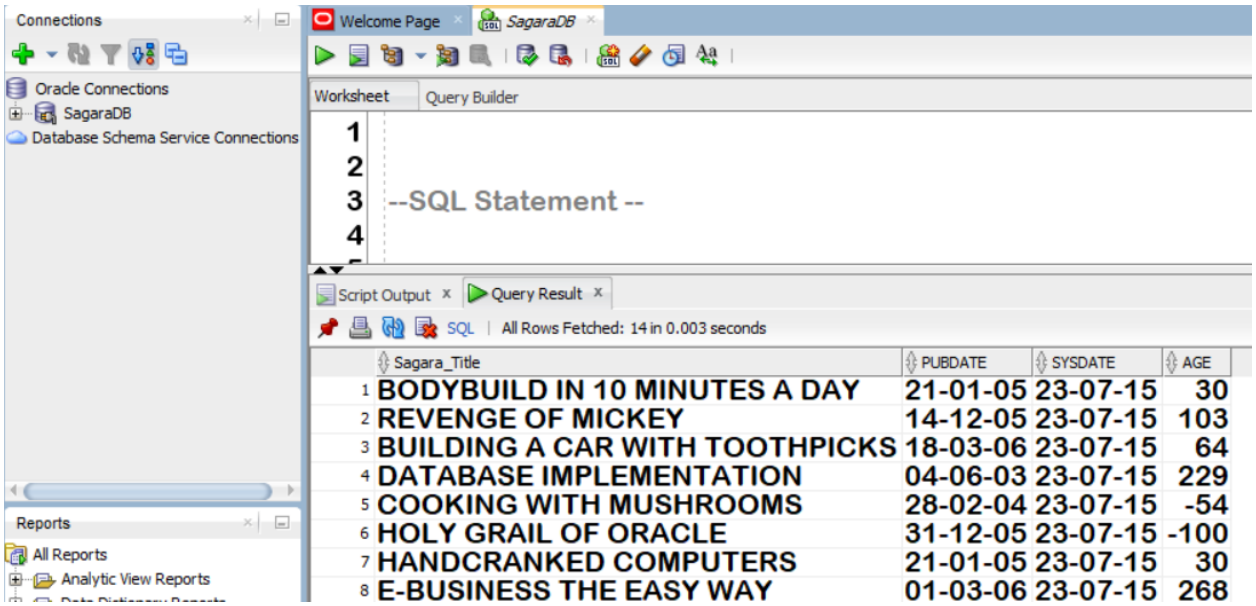
4


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Welcome Page
SagaraDB
Worksheet
Query Builder
--SQL Statement --
Script Output
Query Result
SQL | All Rows Fetched: 1 in 0.002 seconds
Sagara_CurrentDate
1 SATURDAY , 12:14:49

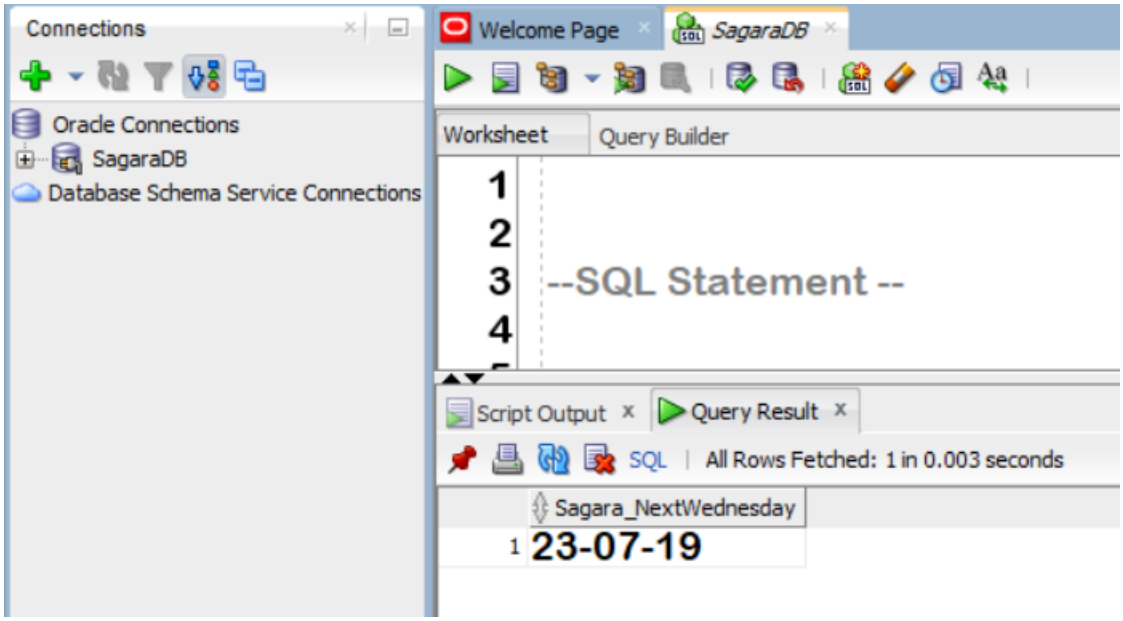
5


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Welcome Page
SagaraDB
Worksheet
Query Builder
3 --SQL Statement --
4
5
Script Output
Query Result
SQL | All Rows Fetched: 14 in 0.003 seconds
sagara_title
LPAD(COST,12,'*')
1 BODYBUILD IN 10 MINUTES A DAY *******18.75
2 REVENGE OF MICKEY ********14.2
3 BUILDING A CAR WITH TOOTHPICKS ********37.8

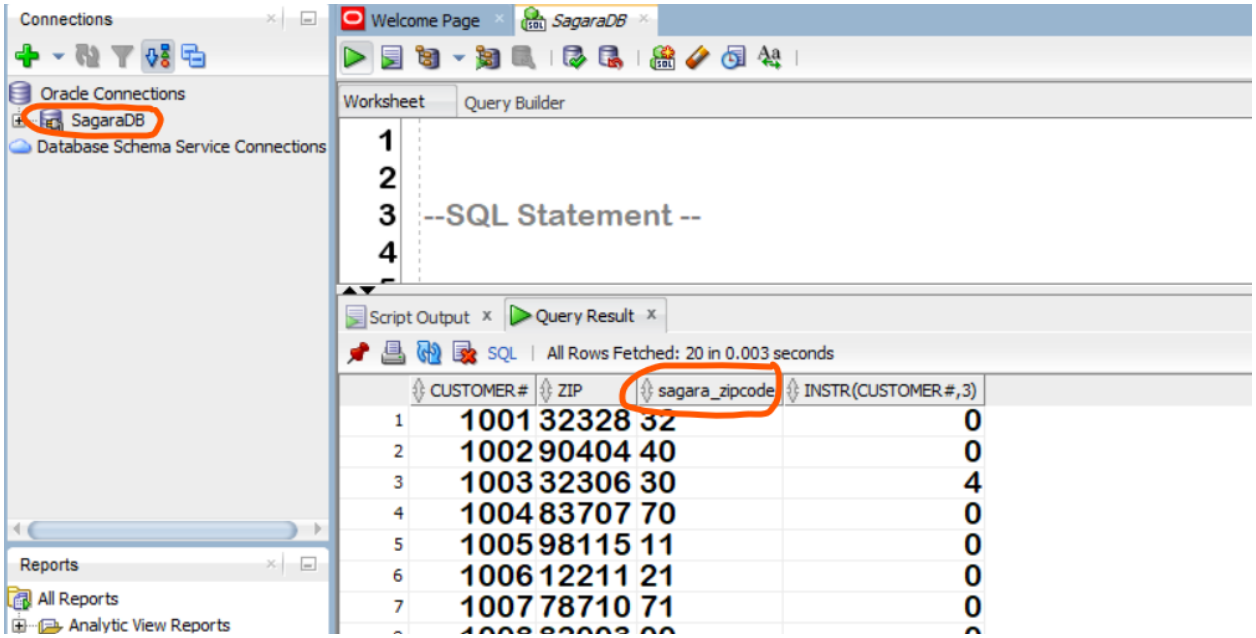
6


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Reports
All Reports
Analytic View Reports
Welcome Page
SagaraDB
Worksheet
Query Builder
1
2
3 --SQL Statement --
4
Script Output
Query Result
SQL | All Rows Fetched: 14 in 0.003 seconds
Sagara_Title
PUBDATE
SYSDATE
AGE
1 BODYBUILD IN 10 MINUTES A DAY 21-01-05 23-07-15 30
2 REVENGE OF MICKEY 14-12-05 23-07-15 103
3 BUILDING A CAR WITH TOOTHPICKS 18-03-06 23-07-15 64
4 DATABASE IMPLEMENTATION 04-06-03 23-07-15 229
5 COOKING WITH MUSHROOMS 28-02-04 23-07-15 -54
6 HOLY GRAIL OF ORACLE 31-12-05 23-07-15 -100
7 HANDCRANKED COMPUTERS 21-01-05 23-07-15 30
8 E-BUSINESS THE EASY WAY 01-03-06 23-07-15 268

7


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Welcome Page
SagaraDB
Worksheet
Query Builder
1
2
3
4
--SQL Statement --
Script Output
Query Result
SQL
All Rows Fetched: 1 in 0.003 seconds
Sagara_NextWednesday
1
23-07-19

8


Connections
Oracle Connections
SagaraDB
Database Schema Service Connections
Reports
All Reports
Analytic View Reports
Welcome Page
SagaraDB
Worksheet
Query Builder
1
2
3
4
--SQL Statement --
Script Output
Query Result
SQL
All Rows Fetched: 20 in 0.003 seconds
CUSTOMER#
ZIP
sagara_zipcode
INSTR(CUSTOMER#,3)
1 1001 32328 32 0
2 1002 90404 40 0
3 1003 32306 30 4
4 1004 83707 70 0
5 1005 98115 11 0
6 1006 12211 21 0
7 1007 78710 71 0