*Edson Sanchez* CIT/ITI-2180 Foundations of Data and Database Management

**10-1**

SELECT

initcap(firstname)

|| ' '

|| initcap(lastname) "Customer Name"

FROM

customers;

Customer Name

Bonita Morales

Ryan Thompson

Leila Smith

Thomas Pierson

Cindy Girard

Meshia Cruz

Tammy Giana

Kenneth Jones

Jorge Perez

Jake Lucas

Reese Mcgovern

William Mckenzie

Nicholas Nguyen

Jasmine Lee

Steve Schell

Michell Daum

Becca Nelson

Greg Montiasa

Jennifer Smith

Kenneth Falah

20 rows selected.

**10-2**

SELECT

customer#,

nvl2(referred,'REFERRED','NOT REFERRED') "Referred?"

FROM

customers;

CUSTOMER# Referred?

1001 NOT REFERRED

1002 NOT REFERRED

1003 NOT REFERRED

1004 NOT REFERRED

1005 NOT REFERRED

1006 NOT REFERRED

1007 REFERRED

1008 NOT REFERRED

1009 REFERRED

1010 NOT REFERRED

1011 NOT REFERRED

1012 NOT REFERRED

1013 REFERRED

1014 NOT REFERRED

1015 NOT REFERRED

1016 REFERRED

1017 NOT REFERRED

1018 NOT REFERRED

1019 REFERRED

1020 NOT REFERRED

20 rows selected.

**10-3**

SELECT

title,

to\_char((paideach - cost)\*quantity,'$999.99') profit

FROM

orderitems

JOIN books USING ( isbn )

WHERE

order# = 1002;

TITLE PROFIT

DATABASE IMPLEMENTATION $49.10

**10-4**

SELECT

title,

round( (cost / retail) \* 100,0)

|| '%' "PERCENT MARKUP"

FROM

books;

TITLE PERCENT MARKUP

BODYBUILD IN 10 MINUTES A DAY 61%

REVENGE OF MICKEY 65%

BUILDING A CAR WITH TOOTHPICKS 63%

DATABASE IMPLEMENTATION 56%

COOKING WITH MUSHROOMS 63%

HOLY GRAIL OF ORACLE 62%

HANDCRANKED COMPUTERS 87%

E-BUSINESS THE EASY WAY 70%

PAINLESS CHILD-REARING 53%

THE WOK WAY TO COOK 66%

BIG BEAR AND LITTLE DOVE 59%

HOW TO GET FASTER PIZZA 60%

HOW TO MANAGE THE MANAGER 48%

SHORTEST POEMS 55%

14 rows selected.

**10-5**

SELECT

TO\_CHAR(current\_date,'DAY HH:MI:SS') "Current Time"

FROM

dual;

Current Time

TUESDAY 04:11:11

**10-6**

SELECT

title,

lpad(cost,12,'\*') cost

FROM

books;

TITLE COST

BODYBUILD IN 10 MINUTES A DAY \*\*\*\*\*\*\*18.75

REVENGE OF MICKEY \*\*\*\*\*\*\*\*14.2

BUILDING A CAR WITH TOOTHPICKS \*\*\*\*\*\*\*\*37.8

DATABASE IMPLEMENTATION \*\*\*\*\*\*\*\*31.4

COOKING WITH MUSHROOMS \*\*\*\*\*\*\*\*12.5

HOLY GRAIL OF ORACLE \*\*\*\*\*\*\*47.25

HANDCRANKED COMPUTERS \*\*\*\*\*\*\*\*21.8

E-BUSINESS THE EASY WAY \*\*\*\*\*\*\*\*37.9

PAINLESS CHILD-REARING \*\*\*\*\*\*\*\*\*\*48

THE WOK WAY TO COOK \*\*\*\*\*\*\*\*\*\*19

BIG BEAR AND LITTLE DOVE \*\*\*\*\*\*\*\*5.32

HOW TO GET FASTER PIZZA \*\*\*\*\*\*\*17.85

HOW TO MANAGE THE MANAGER \*\*\*\*\*\*\*\*15.4

SHORTEST POEMS \*\*\*\*\*\*\*21.85

14 rows selected.

**10-7**

SELECT DISTINCT

length(isbn)

FROM

books;

LENGTH(ISBN)

10

**10-8**

SELECT

title,

pubdate "PUBLICATION DATE",

current\_date "CURRENT DATE",

round(months\_between(current\_date,pubdate) )

|| ' months' age

FROM

books;

TITLE PUBLICATION DATE CURRENT DATE AGE

BODYBUILD IN 10 MINUTES A DAY 21-JAN-05 12-NOV-19 178 months

REVENGE OF MICKEY 14-DEC-05 12-NOV-19 167 months

BUILDING A CAR WITH TOOTHPICKS 18-MAR-06 12-NOV-19 164 months

DATABASE IMPLEMENTATION 04-JUN-03 12-NOV-19 197 months

COOKING WITH MUSHROOMS 28-FEB-04 12-NOV-19 189 months

HOLY GRAIL OF ORACLE 31-DEC-05 12-NOV-19 166 months

HANDCRANKED COMPUTERS 21-JAN-05 12-NOV-19 178 months

E-BUSINESS THE EASY WAY 01-MAR-06 12-NOV-19 164 months

PAINLESS CHILD-REARING 17-JUL-04 12-NOV-19 184 months

THE WOK WAY TO COOK 11-SEP-04 12-NOV-19 182 months

BIG BEAR AND LITTLE DOVE 08-NOV-05 12-NOV-19 168 months

HOW TO GET FASTER PIZZA 11-NOV-06 12-NOV-19 156 months

HOW TO MANAGE THE MANAGER 09-MAY-03 12-NOV-19 198 months

SHORTEST POEMS 01-MAY-05 12-NOV-19 174 months

14 rows selected.

**10-9**

SELECT

next\_day(current\_date,'WEDNESDAY')

FROM

dual;

NEXT\_DAY(CURRENT\_DATE,'WEDNESDAY')

13-NOV-19

**10-10**

SELECT

initcap(firstname)

|| ' '

|| initcap(lastname) customer,

substr(zip,3,3) "LAST 3 ZIP",

instr(customer#,3) "POSITION OF '3'"

FROM

customers;

CUSTOMER LAST 3 ZIP POSITION OF '3'

Bonita Morales 328 0

Ryan Thompson 404 0

Leila Smith 306 4

Thomas Pierson 707 0

Cindy Girard 115 0

Meshia Cruz 211 0

Tammy Giana 710 0

Kenneth Jones 003 0

Jorge Perez 510 0

Jake Lucas 314 0

Reese Mcgovern 606 0

William Mckenzie 110 0

Nicholas Nguyen 711 4

Jasmine Lee 414 0

Steve Schell 111 0

Michell Daum 508 0

Becca Nelson 006 0

Greg Montiasa 206 0

Jennifer Smith 962 0

Kenneth Falah 607 0

20 rows selected.