Database ua\_dillards;

HELP TABLE DEPTINFO;

HELP TABLE SKSTINFO;

HELP TABLE SKSTINFO\_FIX;

HELP TABLE SKUINFO;

HELP TABLE STORE\_MSA;

HELP TABLE STRINFO;

HELP TABLE TRNSACT;

SHOW TABLE DEPTINFO;

SHOW TABLE SKSTINFO;

SHOW TABLE SKSTINFO\_FIX;

SHOW TABLE SKUINFO;

SHOW TABLE STORE\_MSA;

SHOW TABLE STRINFO;

SHOW TABLE TRNSACT;

HELP COLUMN

SELECT \*

FROM TRNSACT

SAMPLE 10

(a) rows in the trsnact table that have “0” in their orgprice column (how could the original

price be 0?

SELECT ORGPRICE

FROM TRNSACT

WHERE ORGPRICE=0;

(b) rows in the skstinfo table where both the cost and retail price are listed as 0.00,

SELECT COST, RETAIL

FROM SKSTINFO

WHERE COST=0 AND RETAIL=0;

(c) rows in the skstinfo table where the cost is greater than the retail price (although

occasionally retailers will sell an item at a loss for strategic reasons, it is very unlikely that a

manufacturer would provide a suggested retail price that is lower than the cost of the item).

SELECT SKU, COST, RETAIL

FROM SKSTINFO

WHERE COST > RETAIL;

Exercise 6. Write your own queries that retrieve multiple columns in a precise order from

a table, and that restrict the rows retrieved from those columns using “BETWEEN”, “IN”,

and references to text strings. Try at least one query that uses dates to restrict the rows

you retrieve.

SELECT STORE

FROM STORE\_MSA

WHERE STATE in ('CA', 'OH', 'NY');

.EXPORT FILE = <SELECT STORE FROM STORE\_MSA WHERE STATE in ('CA', 'OH', 'NY')>

What was the highest original price in the Dillard’s database of the item with SKU 3631365?

In how many columns of the STRINFO table of the Dillard’s database are NULL values \*present\*?

SELECT \*

FROM STRINFO

WHERE (STORE IS NULL) OR (CITY IS NULL) OR (STATE IS NULL) OR (ZIP IS NULL)

What was the highest original price in the Dillard’s database of the item with SKU 3631365?

SELECT ORGPRICE

FROM TRNSACT

WHERE SKU=3631365

ORDER BY ORGPRICE DESC;

SELECT MAX(ORGPRICE)

FROM TRNSACT

WHERE SKU=3631365

What is the color of the Liz Claiborne brand item with the highest SKU # in the Dillard’s database (the Liz Claiborne brand is abbreviated “LIZ CLAI” in the Dillard’s database)?

SELECT TOP 5 SKU, STYLE, COLOR, SIZE, VENDOR, BRAND

FROM SKUINFO

WHERE BRAND LIKE '%LIZ CLAI%'

ORDER BY SKU DESC

What is the sku number of the item in the Dillard’s database that had the highest original sales price?

SELECT SKU

FROM TRNSACT

ORDER BY ORGPRICE DESC

According to the strinfo table, in how many states within the United States are Dillard’s stores located? (HINT: the bottom of the SQL scratchpad reports the number of rows in your output)

SELECT DISTINCT STATE

FROM STRINFO

How many Dillard’s departments start with the letter “e”

SELECT DEPTDESC

FROM DEPTINFO

WHERE DEPTDESC LIKE ('e%')

What was the date of the earliest sale in the database where the sale price of the item did not equal the original price of the item, and what was the largest margin (original price minus sale price) of an item sold on that earliest date?

SELECT TOP 5 SALEDATE, ORGPRICE-SPRICE AS MARGIN

FROM TRNSACT

WHERE MARGIN <>0

ORDER BY SALEDATE ASC, MARGIN DESC

What register number made the sale with the highest original price and highest sale price between the dates of August 1, 2004 and August 10, 2004? Make sure to sort by original price first and sale price second.

SELECT REGISTER

FROM TRNSACT

WHERE SALEDATE BETWEEN DATE '2004-08-01' AND DATE '2004-08-10'

ORDER BY ORGPRICE DESC, SPRICE DESC;

Which of the following brand names with the word/letters “liz” in them exist in the Dillard’s database? Select all that apply. Note that you will need more than a single correct selection to answer the question correctly.

SELECT DISTINCT BRAND

FROM SKUINFO

WHERE BRAND LIKE '%liz%'

What is the lowest store number of all the stores in the STORE\_MSA table that are in the city of “little rock”,”memphis”, or “tulsa”?

SELECT STORE

FROM STORE\_MSA

WHERE CITY IN ('little rock','memphis', 'tulsa')

ORDER BY STORE ASC