SINGLE ROW FUNCTIONS VERSION 1

1.select CUSTOMER\_ID,lower(FIRST\_NAME),upper(LAST\_NAME)from CUSTOMERS where CUSTOMER\_ID between 80 and 150

2.a)select LAST\_NAME,FIRST\_NAME,(LOWER(SUBSTR(FIRST\_NAME,0,1)||SUBSTR(LAST\_NAME,0,3))||'@mymail.com') as Email

from CUSTOMERS

b)select LAST\_NAME,FIRST\_NAME,(LOWER(SUBSTR(FIRST\_NAME,0,1)||SUBSTR(LAST\_NAME,LENGTH(LAST\_NAME)-2,3))||'@mymail.com') as Email

from CUSTOMERS

3.select LAST\_NAME,LENGTH(LAST\_NAME) from CUSTOMERS where LENGTH(LAST\_NAME)>9

4.a)select FIRST\_NAME,LAST\_NAME,MAIN\_PHONE\_NUM,REPLACE(MAIN\_PHONE\_NUM,'515','$$$') as NEW\_PHONE\_NUM

from CUSTOMERS

b)select FIRST\_NAME,LAST\_NAME,MAIN\_PHONE\_NUM,(SUBSTR(REPLACE(MAIN\_PHONE\_NUM,'515','$$$'),1,3)||SUBSTR(MAIN\_PHONE\_NUM,4,12)) as NEW\_PHONE\_NUM

from CUSTOMERS

5.a.select FIRST\_NAME from CUSTOMERS

b.select MONTHLY\_DISCOUNT from CUSTOMERS

c.select MONTHLY\_DISCOUNT\*1.197 from CUSTOMERS

d.select round(MONTHLY\_DISCOUNT\*1.197) from CUSTOMERS

e.select floor(MONTHLY\_DISCOUNT\*1.197) from CUSTOMERS

f.select ceil(MONTHLY\_DISCOUNT\*1.197) from CUSTOMERS

6.select FIRST\_NAME,LAST\_NAME,JOIN\_DATE,(JOIN\_DATE-10) as MiJoin,ADD\_MONTHS(JOIN\_DATE,1),(SYSDATE-JOIN\_DATE) as DIFF

from CUSTOMERS

7.select FIRST\_NAME,BIRTH\_DATE,round((MONTHS\_BETWEEN(SYSDATE,BIRTH\_DATE)/12)) as Age from CUSTOMERS where (MONTHS\_BETWEEN(SYSDATE,BIRTH\_DATE)/12)>50

8.select \* from CUSTOMERS where (extract(DAY from SYSDATE)=extract(DAY from BIRTH\_DATE)) and

(extract(month from SYSDATE)=extract(month from BIRTH\_DATE))

9.select FIRST\_NAME,JOIN\_DATE,(extract(year from sysdate)-extract(year from JOIN\_DATE)) as DIFF from CUSTOMERS

where (extract(year from sysdate)-extract(year from JOIN\_DATE))=5

10.select FIRST\_NAME||JOIN\_DATE,LAST\_NAME||MONTHLY\_DISCOUNT from CUSTOMERS

11.a) select LAST\_NAME from CUSTOMERS where LAST\_NAME like 'A%' or LAST\_NAME like 'D%' or LAST\_NAME like 'K%'

b) select UPPER(STATE)||CUSTOMER\_ID from CUSTOMERS where LAST\_NAME like 'A%' or LAST\_NAME like 'D%' or LAST\_NAME like 'K%'

c)select LAST\_NAME,UPPER(STATE)||CUSTOMER\_ID, JOIN\_DATE||BIRTH\_DATE from CUSTOMERS where (SUBSTR(LAST\_NAME,0,1)='A') or (SUBSTR(LAST\_NAME,0,1)='D') or (SUBSTR(LAST\_NAME,0,1)='K')

12.a) SELECT FIRST\_NAME,LAST\_NAME,BIRTH\_DATE,NVL(MAIN\_PHONE\_NUM,'N/A'),NVL(SECONDARY\_PHONE\_NUM,'N/A') FROM CUSTOMERS WHERE PACK\_ID=27

b)SELECT FIRST\_NAME,LAST\_NAME,BIRTH\_DATE,NVL(MAIN\_PHONE\_NUM,'N/A') FROM CUSTOMERS WHERE EXTRACT(YEAR FROM BIRTH\_DATE)=1972

13.SELECT FIRST\_NAME,LAST\_NAME,MONTHLY\_DISCOUNT,

CASE

WHEN MONTHLY\_DISCOUNT BETWEEN 0 AND 10 THEN 'A'

WHEN MONTHLY\_DISCOUNT BETWEEN 11 AND 20 THEN 'B'

WHEN MONTHLY\_DISCOUNT BETWEEN 21 AND 30 THEN 'C'

ELSE 'D'

END AS GRADE

FROM CUSTOMERS