**SQL Single-Row Functions\_V1 - answers**

1. select CUSTOMER\_ID, lower(FIRST\_NAME), upper(LAST\_NAME) from customers where customer\_id between 80 and 150;
   1. select last\_name,first\_name,substr(first\_name,1,1)||upper(substr(last\_name,1,3))||'@mymail.com' as email from customers;
   2. select last\_name,first\_name,substr(first\_name,1,1)||upper(substr(last\_name,length(last\_name)-2,3))||'@mymail.com' as email from customers;
2. select last\_name, LENGTH(last\_name) from customers where length(last\_name)>9;
3. select FIRST\_NAME, LAST\_NAME,MAIN\_PHONE\_NUM, replace(MAIN\_PHONE\_NUM,515,'$$$') as new\_phone\_number  from customers;
4. select first\_name,last\_name, main\_phone\_num, replace(substr(main\_phone\_num,1,3),'515','$$$')||substr(main\_phone\_num,4,12) as new\_phone\_number from customers;
5. select FIRST\_NAME, MONTHLY\_DISCOUNT, monthly\_discount\*1.197, round( monthly\_discount\*1.197),FLOOR( monthly\_discount\*1.197),CEIL(monthly\_discount\*1.197) from customers;
6. select first\_name,JOIN\_DATE, join\_date-10,add\_months(join\_date,1),to\_date(sysdate,'DD-MON-YY') - join\_date from customers
7. select first\_name,BIRTH\_DATE from customers where floor(months\_between(sysdate,birth\_date) /12) >50
8. select \* from customers where extract(day from birth\_date)= extract(day from sysdate) and extract(month from birth\_date)= extract(month from sysdate)
9. select first\_name, join\_date, extract(year from sysdate) - extract(year from join\_date)  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. select last\_name,upper(state)||customer\_id,join\_date||birth\_date from customers where substr(lower(last\_name),1,1)='d' or substr(lower(last\_name),1,1)='k'
12. 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
13. select first\_name,last\_name,birth\_date,nvl(main\_phone\_num,'N/A'),nvl(secondary\_phone\_num,'N/A') from customers where extract(year from birth\_date)=1972
14. select first\_name,last\_name,monthly\_discount, case  when monthly\_discount<11 then 'A' when monthly\_discount<21 then 'B' when monthly\_discount<31 then 'C'  else 'D' end from customers