**QUESTIONS ON SRF (CUST&PRDT)**

1. WAQTD DETAILS OF THE CUSTOMER WHO ARE HAVING MORE THAN 4 CHARACTRES IN THEIR NAME.

ANS: SELECT \*

FROM CUSTOMER

WHERE LENGTH(CNAME)>4;

1. WAQTD DETAILS OF THE PRODUCT, IF PRODUCT ACTUAL\_PRICE IS MORE THAN 4 DIGIT AND LESS THAN 7 CHARACTERS IN THEIR CATEGORY.

ANS: SELECT \*

FROM PRODUCT

WHERE LENGTH(PRICE)>4 AND LENGTH(CATEGORY)<7;

1. WAQTD JOIN THE GIVEN STRING ‘HI’ TO ALL CUSTOMER NAME.

ANS: SELECT CONCAT(‘HI ’,CNAME)

FROM CUSTOMER;

1. WAQTD TO JOIN A STRING ‘HAPPY DIWALI’ TO CUSTOMER NAME ,WHO ARE STAYING IN THE ADDRESS WHICH ENDS WITH ‘BTM’.

ANS: SELECT CONCAT(‘HAPPY DIWALI ’,CNAME)

FROM CUSTOMER

WHERE ADDRESS LIKE ‘%BTM’;

1. WAQTD DETAILS OF CUSTOMERS WHO HAVE ODD CID NUMBER.

ANS: SELECT \*

FROM CUSTOMER

WHERE MOD(CID,2)=1;

1. WAQTD NAME AND PRICE OF THE PRODUCTS , IF THE PRODUCT PRICE IS IN ODD NUMBER AND THEIR PRODUCT\_ID IS IN EVEN

ANS: SELECT PNAME,PRICE

FROM PRODUCT

WHERE MOD(PRICE,2)=1 AND MOD(PID,2)=0;

1. WAQTD NAME,ADDRESS AND MAIL\_ID OF CUSTOMERS IN UPPER CASE.

ANS: SELECT UPPER(CNAME),UPPER(ADDRESS),UPPER(MAIL\_ID)

FROM CUSTOMER;

1. WAQTD NAME AND CATEGORY OF PRODUCTS IN LOWER CASE.

ANS: SELECT LOWER(PNAME),LOWER(CATEGORY)

FROM PRODUCT;

1. WAQTD NAME OF CUSTOMER IN LOWER CASE AND ADDRESS IN REVERSE AND MAIL\_ID SHOULD BE INTIAL LETTER IN UPPER REMAING LETTERS IN LOWER,WHO ARE HAVING ALTERNATIVE\_PH\_NO..

ANS: SELECT LOWER(CNAME),REVERSE(ADDRESS),INITCAP(MAIL\_ID)

FROM CUSTOMER

WHERE ALT\_PH\_NO IS NOT NULL;

1. WAQTD ROUNDOFF ACTUAL\_PRICE TO THE NEAREST VALUE IN THE PRODUCT TABLE.

ANS: SELECT ROUND(ACTUAL\_PRICE)

FROM PRODUCT;

1. WAQTD ROUNDOFF THE PRICE TO LOWEST VALUE IN PRODUCT TABLE.

ANS: SELECT TRUNC(PRICE)

FROM PRODUCT;

1. WAQTD DETAILS OF THE CUSTOMERS WHO HAVE MORE THAN 10 CHARACTER IN THEIR ADDRESS.

ANS: SELECT \*

FROM CUSTOMER

WHERE LENGTH(ADDRESS)>10;

1. WAQTD NAME AND MAIL\_ID OF THE CUSTOMERS WHO HAVE LAST CHAR AS ‘H’ IN THEIR NAME.

ANS: SELECT CNAME,MAIL\_ID

FROM CUSTOMER

WHERE SUBSTR(CNAME,-1)=’H’;

1. WAQTD NAME,PRICE,QUANTITY OF PRODUCTS, IF PRODUCT NAME STARTS WITH CHAR ‘I’.

ANS: SELECT PNAME,PRICE,QUANTITY

FROM PRODUCT

WHERE SUBSTR(PNAME,1,1)=’I’;

1. WAQTD DETAILS OF CUSTOMERS WHO HAVE 2ND CHAR AS ‘A’ IN THEIR MAIL\_ID.

ANS: SELECT \*

FROM CUSTOMER

WHERE SUBSTR(MAIL\_ID,2,1)=’A’;

1. WAQTD FIRST HALF OF CUSTOMERS NAME.

ANS: SELECT SUBSTR( CNAME , 1 , LENGTH( CNAME ) / 2 )

FROM CUSTOMER ;

1. WAQTD SECOND HALF OF CUSTOMER NAME.

ANS: SELECT SUBSTR(CNAME,LENGTH(CNAME)/2+1)

FROM CUSTOMER;

1. WAQTD NAMES AND CATEGORY OF PRODUCTS, IF THEY HAVE CHAR ‘O’ PRESENT IN THEIR CATEGORY.

ANS: SELECT PNAME,CATEGORY

FROM PRODUCT

WHERE INSTR(CATEGORY,’O’,1,1)>0;

1. WAQTD NAMES,PH\_NO AND ALT\_PH\_NO OF THE CUSTOMERS ,IF THEY HAVE CHAR ‘A’ PRESENT ATLEAST TWICE IN THEIR NAME.

ANS: SELECT CNAME,PH\_NO,ALT\_PH\_NO

FROM CUSTOMER

WHERE INSTR(CNAME,’A’,1,2)>0;

1. WAQTD ALL THE PRODUCTS WHO.SE CATEGORY STARTS WITH STRING ‘LAP’.

ANS: SELECT \*

FROM PRODUCT

WHERE SUBSTR(CATEGORY,1,3)=’LAP’;

1. WAQTD NAME OF THE CUSTOMERS BY REPLACING CHAR ‘A’ BY ‘P’ IN THEIR NAME.

ANS: SELECT REPLACE(CNAME,’A’,’P’)

FROM CUSTOMER;

1. WAQTD DETAILS OF THE PRODUCTS, IF THEY HAVE CHAR ‘A’ EXACTLY TWICE IN THEIR PRODUCT NAME.

ANS: SELECT \*

FROM PRODUCT

WHERE (LENGTH(PNAME)-LENGTH(REPLACE(PNAME,’A’)))=2;

1. WAQTD NAMES,ADDRESS OF THE CUSTOMERS WHOSE NAME STARTS WITH VOWELS.(ALL NAMES ARE IN UPPER CASE)

ANS: SELECT CNAME,ADDRESS

FROM CUSTOMER

WHERE SUBSTR(CNAME,1,1)=’A’ OR SUBSTR(CNAME,1,1)=’E’ OR SUBSTR(CNAME,1,1)=’I’ OR SUBSTR(CNAME,1,1)=’O’ OR SUBSTR(CNAME,1,1)=’U’;

OR

SELECT CNAME,ADDRESS

FROM CUSTOMER

WHERE SUBSTR(CNAME,1,1) IN (‘A’,’E’,’I’,’O’,’U’);

1. WAQTD DETAILS OF THE CUSTOMERS WHOSE ADDRESS ENDS WITH CONSONANTS.(ALL ADDRESS ARE IN UPPER CASE).

ANS: SELECT \*

FROM CUSTOMER

WHERE SUBSTR(ADDRESS,-1) NOT IN (‘A’,’E’,’I’,’O’,’U’);

OR

SELECT \*

FROM CUSTOMER

WHERE SUBSTR(ADDRESS,-1)!=’A’ AND

SUBSTR(ADDRESS,-1)!=’E’ AND SUBSTR(ADDRESS,-1)!=’I’ AND

SUBSTR(ADDRESS,-1)!=’O’ AND SUBSTR(ADDRESS,-1)!=’U’;

1. WAQTD FIRST 3 CHARACTERS OF NAME IN LOWER CASE AND REMAINING IN UPPER CASE IN CUSTOMER TABLE.

ANS: SELECT LOWER(SUBSTR(CNAME,1,3))||UPPER(SUBSTR(CNAME,4))

FROM CUSTOMER;