**QUESTIONS OF NESTED SUBQUERY(CUST&PRDT)**

1. WAQTD 3RD HIGHEST PRICE OF THE PRODUCT

ANS: SELECT MAX(PRICE)

FROM PRODUCT

WHERE PRICE <(SELECT MAX(PRICE)

FROM PRODUCT

WHERE PRICE<(SELECT MAX(PRICE)

FROM PRODUCT));

1. WAQTD 4TH LOWEST QUANTITY OF THE PRODUCTS.

ANS: SELECT MIN(QUANTITY)

FROM PRODUCT

WHERE QUANTITY > (SELECT MIN(QUANTITY)

FROM PRODUCT

WHERE QUANTITY >(SELECT MIN(PRODUCT)

FROM PRODUCT

WHERE QUANTITY >(SELECT MIN(PRODUCT)

FROM PRODUCT)));

1. WAQTD NAME OF THE PRODUCT,WHICH HAS 2ND MAXIMUM DISCOUNT IN PRODUCT TABLE.

ANS: SELECT PNAME

FROM PRODUCT

WHERE DISCOUNT =(SELECT MAX(DISCOUNT)

FROM PRODUCT

WHERE DISCOUNT<(SELECT MAX(DISCOUNT)

FROM PRODUCT));

1. WAQTD DETAILS OF THE PRODUCT ,WHICH HAS 3RD LEAST WARRANTY PRODUCT.

ANS: SELECT \*

FROM PRODUCT

WHERE WARRANTY =(SELECT MIN(WARRANTY)

FROM PRODUCT

WARRANTY >(SELECT MIN(WARRANTY)

FROM PRODUCT

WARRANTY >(SELECT MIN(WARRANTY)

FROM PRODUCT)));

1. WAQTD NAMES OF THE CUSTOMERS ,IF THE PRICE OF PRODUCT IS LESS THAN ‘IPHONE13’.

ANS: SELECT CNAME

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE PRICE < (SELECT PRICE

FROM PRODUCT

WHERE PNAME = ‘IPHONE13’));

1. WAQTD DETAILS OF THE CUSTOMER , IF THEY DON’T HAVE MAIL\_ID AND PRICE IS LESS THAN ‘ASUS-VIVOBOOK’.

ANS: SELECT \*

FROM CUSTOMER

WHERE MAIL\_ID IS NULL AND

PID IN (SELECT PID

FROM PRODUCT

WHERE PRICE <(SELECT PRICE

FROM PRODUCT

WHERE PNAME=’ASUS-VIVOBOOK’));

1. WAQTD NAME AND ADDRESS OF THE CUSTOMER,IF THE PRODUCT HAVE 2ND HIGHEST WARRANTY.

ANS: SELECT CNAME,ADDRESS

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE WARRANTY = (SELECT MAX(WARRANTY)

FROM PRODUCT

WHERE WARRANTY <(SELECT MAX(WARRANTY)

FROM PRODUCT)));

1. WAQTD NAME OF THE PRODUCT,WHICH HAS 3RD MINIMUM DISCOUNT IN PRODUCT TABLE.

ANS: SELECT PNAME

FROM PRODUCT

WHERE DISCOUNT =(SELECT MIN(DISCOUNT)

FROM PRODUCT

WHERE DISCOUNT>(SELECT MIN(DISCOUNT)

FROM PRODUCT)

WHERE DISCOUNT>(SELECT MIN(DISCOUNT)

FROM PRODUCT)));

1. WAQTD NAME AND PH\_NO OF THE CUSTOMERS,IF THE PRODUCT HAVE 3RD HIGHEST ACTUAL\_PRICE.

ANS: SELECT CNAME,PH\_NO

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE<(SELECT MAX(ACTUAL\_PRICE)

FROM PRODUCT

WHERE ACTUAL\_PRICE<(SELECT MAX(ACTUAL\_PRICE)

FROM PRODUCT

WHERE ACTUAL\_PRICE<(SELECT MAX(ACTUAL\_PRICE)

FROM PRODUCT))));

1. WAQTD DETAILS OF THE CUSTOMERS ,IF THEIR PRODUCT WARRANTY IS

SAME AS THE PRODUCT\_ID IS MORE THAN ‘2’ AND DISCOUNT IS SAME AS ‘SAMSUNG-F235G’

ANS: SELECT \*

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE WARRANTY IN (SELECT WARRANTY

FROM PRODUCT

WHERE PID > 2) AND

DISCOUNT IN (SELECT DISCOUNT

FROM PRODUCT

WHERE PNAME=’SAMSUNG-F235G’));

1. WAQTD 4TH LARGEST DISCOUNT OF THE PRODUCTS.

ANS: SELECT MAX(DISCOUNT)

FROM PRODUCT

WHERE QUANTITY = (SELECT MAX(DISCOUNT)

FROM PRODUCT

WHERE QUANTITY <(SELECT MAX(DISCOUNT)

FROM PRODUCT

WHERE QUANTITY <(SELECT MAX(DISCOUNT)

FROM PRODUCT

WHERE QUANTITY <(SELECT MAX(DISCOUNT)

FROM PRODUCT))));

1. WAQTD NAME AND ADDRESS OF THE CUSTOMER,IF THE PRODUCT HAVE 2ND LARGEST QUANTITY.

ANS: SELECT CNAME,ADDRESS

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE QUANTITY=(SELECT MAX(QUANTITY)

FROM PRODUCT

WHERE QUANTITY<(SELECT MAX(QUANTITY)

FROM PRODUCT)));

1. WAQTD NAME AND PRICE ALONG WITH WARRANTY OF THE PRODUCT,IF

PRODUCT PRICE IS 4TH HIGHEST.

ANS: SELECT PNAME,PRICE,WARRANTY

FROM PRODUCT

WHERE PRICE =(SELECT MAX(PRICE)

FROM PRODUCT

WHERE PRICE <(SELECT MAX(PRICE)

FROM PRODUCT

WHERE PRICE<(SELECT MAX(PRICE)

FROM PRODUCT

WHERE PRICE<(SELECT MAX(PRICE)

FROM PRODUCT ))));

1. WAQTD DETAILS OF THE PRODUCTS,IF CUSTOMER\_ID IS MORE THAN THE CUSTOMER WHO HAVE CHAR ‘A’ IN THEIR ADDRESS.

ANS: SELECT \*

FROM PRODUCT

WHERE PID IN (SELECT PID

FROM CUSTOMER

WHERE CID>(SELECT CID

FROM CUSTOMER

WHERE ADDRESS LIKE ‘%A%’));

1. WAQTD DETAILS OF THE CUSTOMERS, IF THE CUSTOMER HAVE 3RD LEAST PRICE OF PRODUCT IN PRODUCT TABLE.

ANS: SELECT \*

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE PRICE =(SELECT MIN(PRICE)

FROM PRODUCT

WHERE PRICE >(SELECT MIN(PRICE)

FROM PRODUCT

WHERE PRICE >(SELECT MIN(PRICE)

FROM PRODUCT))));