**QUESTIONS ON SUBQUERY OPERATORS(ALL & ANY)**

1. WAQTD DETAILS OF THE PRODUCT ,IF PRICE OF MORE THAN ALL THE LAPTOP.

ANS: SELECT PNAME,PRICE

FROM PRODUCT

WHERE PRICE >ALL(SELECT PRICE

FROM PRODUCT

WHERE CATEGORY=’LAPTOP’);

1. WAQTD NAME ,QUANTITY AND WARRANTY OF PRODUCTS ,IF PRODUCT QUANTITY IS LESS THAN THE PRODUCT NAME WHICH CONTAINS CHAR ‘A’ IN IT.

ANS: SELECT PNAME,QUANTITY,WARRANTY

FROM PRODUCT

WHERE QUANTITY <ALL(SELECT QUANTITY

FROM PRODUCT

WHERE PNAME LIKE ‘%A%’);

1. WAQTD NAMES OF THE CUSTOMER WHO HAVE PRODUCT\_ID LESS THAN THE ALL CUSTOMERS WHO DON’T HAVE MAIL\_ID.

ANS: SELECT CNAME

FROM CUSTOMER

WHERE PID<ALL(SELECT PID

FROM CUSTOMER

WHERE MAIL\_ID IS NULL);

1. WAQTD DETAILS OF PRODUCTS,IF DISCOUNT IS MORE THAN THE ATLEAST PRICE IS LESS THAN 50000 .

ANS: SELECT \*

FROM PRODUCT

WHERE DISCOUNT >ANY(SELECT DISCOUNT

FROM PRODUCT

WHERE PRICE < 50000);

1. WAQTD DETAILS OF PRODUCTS,IF PRODUCT WARRANTY IS MORE THAN THE ATLEAST A PRODUCT ‘MOBILES’.

ANS: SELECT \*

FROM PRODUCT

WHERE WARRANTY >ANY(SELECT WARRANTY

FROM PRODUCT

WHERE CATEGORY = ‘MOBILES’);

1. WAQTD NAME,ACTUAL\_PRICEAND WARRANTY OF PRODUCTS,IF PRODUCT WARRANTY IS LESS THAN ALL THE PRODUCTS WHOSE DISCOUNT IS LESS THAN ‘35%’.

ANS: SELECT \*

FROM PRODUCT

WHERE WARRANTY <ALL(SELECT WARRANTY

FROM PRODUCT

WHERE DISCOUNT <’25%’);

1. WAQTD NAME,PRICE AND ACTUAL\_PRICE OF PRODUCTS,IF DISCOUNT IS LESS THAN ATLEAST THE ACTUAL\_PRICE IS LESS THAN 50000.

ANS: SELECT \*

FROM PRODUCT

WHERE DISCOUNT <ANY(SELECT DISCOUNT

FROM PRODUCT

WHERE ACTUAL\_PRICE < 50000);

1. WAQTD DETAILS OF THE CUSTOMER ,IF CUSTOMER ID IS MORE THAN ALL THE CUSTOMER WHO HAVE ALT\_PH\_NO.

ANS: SELECT \*

FROM CUSTOMER

WHERE CID>ALL(SELECT CID

FROM CUSTOMER

WHERE ALT\_PH\_NO IS NOT NULL);

1. WAQTD ACTUAL\_PRICE AND WARRANTY OF PRODUCTS,IF THE ACTUAL\_PRICE IS LESS THAN ATLEAST THE PRODUCT WARRANTY MORE THAN 1YEARS

ANS: SELECT ACTUAL\_PRICE,WARRANTY

FROM PRODUCT

WHERE ACTUAL\_PRICE <ANY (SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE WARRANTY >’1YEAR’);

1. WAQTD NAME,PRICE AND WARRANTY OF THE PRODUCT, IF PRODUCT WARRANTY IS MORE THAN ALL THE PRODUCT PRICE ‘20000’ AND LESS THAN ATLEAST A PRICE ‘70000’.

ANS: SELECT PNAME,PRICE,WARRANTY

FROM PRODUCT

WHERE WARRANTY>ALL(SELECT WARRANTY

FROM PRODUCT

WHERE PRICE>20000) AND

WARRANTY<ANY(SELECT WARRANTY

FROM PRODUCT

WHERE PRICE<70000);

1. WAQTD NAME AND ACTUAL\_PRICE OF THE PRODUCT,IF THE PRICE OF PRODUCT IS MORE THAN ATLEAST A PRODUCT NAME WHICH CONTAINS CHAR ‘S’ IN IT AND WARRANTY LESS THAN ALL THE QUANTITY LESS THAN ‘150’

ANS: SELECT PNAME,ACTUAL\_PRICE

FROM PRODUCT

WHERE PRICE >ANY(SELECT PRICE

FROM PRODUCT

WHERE PNAME LIKE ‘%S%’) AND

WARRANTY<ALL(SELECT WARRANTY

FROM PRODUCT

WHERE QUANTITY<150);

1. WAQTD DETAILS OF THE PRODUCTS ,IF DISCOUNT OF PRODUCT IS MORE THAN ALL THE ‘MOBLES’ AND PRICE OF PRODUCT IS LESS THAN ALL THE ‘LAPTOPS’.

ANS: SELECT \*

FROM PRODUCT

WHERE DISCOUNT>ALL(SELECT DISCOUNT

FROM PRODUCT

WHERE CATEGORY=’MOBILES’) AND

PRICE<ALL(SELECT PRICE

FROM PRODUCT

WHERE CATEGORY =’LAPTOP’);

1. WAQTD DETAILS OF THE CUSTOMERS WHO HAVE PRODUCT\_ID LESS ALL THE PRODUCT IN ‘MOBILES’

ANS: SELECT \*

FROM CUSTOMER

WHERE PID <ALL (SELECT PID

FROM PRODUCT

WHERE CATEGORY=’MOBILES’);

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

MORE THAN ALL PRODUCT DISCOUNT MORE THAN ’25%’ AND DISCOUNT IS LESS THAN ATLEAST A PRICE LESS THAN 60000.

ANS: SELECT \*

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE WARRANTY >ALL (SELECT WARRANTY

FROM PRODUCT

WHERE DISCOUNT >’25%’) AND

DISCOUNT <ANY (SELECT DISCOUNT

FROM PRODUCT

WHERE PRICE <60000));

1. WAQTD DETAILS OF THE PRODUCTS ,IF THE ACTUAL PRICE OF PRODUCT IS MORE THAN ATLEAST THE QUANTITY MORE THAN ‘10’ AND LESS THAN ALL THE QUANTITY LESS THAN ‘250’

ANS: SELECT \*

FROM PRODUCT

WHERE ACTUAL\_PRICE>ANY(SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE QUANTITY>10) AND

ACTUAL\_PRICE<ALL(SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE QUANTITY<250) ;

1. WAQTD NAME,PRICE,DISCOUNT AND WARRANTY OF THE PRODUCT ,IF WARRANTY IS MORE THAN ATLEAST A ‘LAPTOP’ BUT LESS THAN ATLEAST A ‘MOBILES’AND QUANTITY OF PRODUCT SHOULD BE MORE THAN PRODUCT\_ID ‘6’.

ANS: SELECT PNAME,PRICE,DISCOUNT,WARRANTY

FROM PRODUCT

WHERE WARRANTY>ANY(SELECT WARRANTY

FROM PRODUCT

WHERE CATEGORY=’LAPTOP’) AND

WARRANTY<ANY(SELECT WARRANTY

FROM PRODUCT

WHERE CATEGORY=’MOBILES’) AND

QUANTITY >ALL (SELECT QUANTITY

FROM PRODUCT

WHERE PID=6);

1. WAQTD DETAILS OF THE PRODUCT IF THE ACTUAL\_PRICE OF PRODUCT IS MORE THAN 38000 BUT LESS THAN 75000 AND PRICE IS MORE THAN ALL THE WARRANTY WHICH IS MORE THAN ‘1YEAR’ BUT LESS THAN ATLEAST A WARRANTY LESS THAN ’10YEARS’

ANS: SELECT \*

FROM PRODUCT

WHERE ACTUAL\_PRICE BETWEEN 38000 AND 75000 AND

PRICE>ALL(SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE WARRANTY>’1YEAR’) AND

PRICE<ANY(SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE WARRANTY <’10YEARS’);

1. WAQTD NAMES,PH\_NO AND ALT\_PH\_NO , IF THEY HAVE ALT\_PH\_NO BUT THEY SHOULD NOT HAVE EMAIL\_ID AND ACTUAL\_PRICE IS LESS THAN THE ‘MOBILES’.

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

FROM CUSTOMER

WHERE ALT\_PH\_NO IS NOT NULL AND MAIL\_ID IS NULL AND

PID IN (SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE <(SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE CATEGORY=’MOBILES’));

1. WAQTD DETAILS OF THE PRODUCT ,IF THE PRODUCT\_ID IS GREATER THAN ATLEAST AN ACTUAL\_PRICE MORE THAN 35000 BUT LESS THAN ALL THE ACTUAL\_PRICE LESS THAN 80000 AND WARRANTY IS LESS THAN THE PRODUCT\_ID ‘4’ AND DISCOUNT IS LESS THAN ALL THE NAMES WHICH HAVE CHAR ‘I’ IN THERE PRODUCT NAME.

ANS: SELECT \*

FROM PRODUCT

WHERE PID>ANY(SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE>35000) AND

PID<ALL(SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE < 80000) AND

WARRANTY <ALL(SELECT WARRANTY

FROM PRODUCT

WHERE PNAME=4) AND

DISCOUNT <ALL(SELECT DISCOUNT

FROM PRODUCT

WHERE PNAME=’%I%’);

1. WAQTD DETAILS OF THE PRODUCTS ,IF THE PRICE OF PRODUCT IS MORE THAN ALL THE ‘MOBILES BUT LESS ‘DELL-INSPIRON’ AND DISCOUNT IS MORE THAN ATLEAST A PRODUCT\_ID LESS THAN ‘6’ AND WARRANTY LESS THAN ‘IPHONE13’ AND QUANTITY MORE ALL THE ‘LAPTOPS’.

ANS: SELECT \*

FROM PRODUCT

WHERE PRICE>ALL(SELECT PRICE

FROM PRODUCT

WHERE CATEGORY=’MOBILES’) AND

PRICE<(SELECT PRICE

FROM PRODUCT

WHERE PNAME=’DELL-INSPIRON’) AND

DISCOUNT>ANY(SELECT DISCOUNT

FROM PRODUCT

WHERE PID<6) AND

WARRANTY <(SELECT WARRANTY

FROM PRODUCT

WHERE PNAME=’IPHONE13’) AND

QUANTITY>ALL(SELECT QUANTITY

FROM PRODUCT

WHERE CATEGORY=’LAPTOP’);