

i

RC9

RC10

RC11

RC12

SENTENCIA

```
SELECT CEDULA, NOMBRE, ROL, EMAIL
FROM ( SELECT IDPRODUCTO, LOCAL
      FROM (OFRECEPRODUCTO NATURAL JOIN RESTAURANTE))a1
      INNER JOIN
      ( SELECT USUARIO.CEDULA, NOMBRE, ROL, EMAIL, IDPRODUCTO, LOCAL, IDPEDIDO
      FROM (USUARIO RIGHT OUTER JOIN PEDIDO ON USUARIO.CEDULA= PEDIDO.CEDULA) NATURAL JOIN PEDIDOPRODUCTO
      WHERE ROL='CLIENTE' AND (FECHAYHORA BETWEEN TO_DATE('01/01/17') AND TO_DATE('31/12/17'))us ON a1.LOCAL=us.LOCAL
WHERE us.LOCAL=366520
GROUP BY CEDULA, NOMBRE, ROL, EMAIL;
```

```
SELECT CEDULA, NOMBRE, ROL, EMAIL FROM USUARIO WHERE ROL='CLIENTE' AND (CEDULA) NOT IN(SELECT CEDULA
      FROM ( SELECT IDPRODUCTO, LOCAL
      FROM (OFRECEPRODUCTO NATURAL JOIN RESTAURANTE))a1
      INNER JOIN
      ( SELECT USUARIO.CEDULA, NOMBRE, ROL, EMAIL, IDPRODUCTO, LOCAL, IDPEDIDO
      FROM (USUARIO RIGHT OUTER JOIN PEDIDO ON USUARIO.CEDULA= PEDIDO.CEDULA) NATURAL JOIN PEDIDOPRODUCTO
      WHERE ROL='CLIENTE' AND (FECHAYHORA BETWEEN TO_DATE('01/01/17') AND TO_DATE('31/12/17'))us ON a1.LOCAL=us.LOCAL
WHERE us.LOCAL=366520
GROUP BY CEDULA, NOMBRE, ROL, EMAIL);
```

```
SELECT * FROM(SELECT IDPRODUCTO, COUNT(IDPRODUCTO) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO) NATURAL JOIN PRODUCTO
      WHERE DY='DOM'
      GROUP BY IDPRODUCTO)
      NATURAL JOIN
      (SELECT MAX(TOTAL)AS TOTAL
      FROM(SELECT IDPRODUCTO, COUNT(IDPRODUCTO) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO)
      NATURAL JOIN PRODUCTO
      WHERE DY='DOM'
      GROUP BY IDPRODUCTO) );

SELECT * FROM(SELECT LOCAL, COUNT(LOCAL) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO) NATURAL JOIN RESTAURANTE
      WHERE DY='DOM'
      GROUP BY LOCAL)
      NATURAL JOIN(SELECT MAX(TOTAL)AS TOTAL
      FROM(SELECT LOCAL, COUNT(LOCAL) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO)
      NATURAL JOIN RESTAURANTE
      WHERE DY='DOM'
      GROUP BY LOCAL) );
```

```
SELECT * FROM(SELECT IDPRODUCTO, COUNT(IDPRODUCTO) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO)
      NATURAL JOIN PRODUCTO
      WHERE DY='DOM'
      GROUP BY IDPRODUCTO)
      NATURAL JOIN(SELECT MAX(TOTAL)AS TOTAL
      FROM(SELECT IDPRODUCTO, COUNT(IDPRODUCTO) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO)
      NATURAL JOIN PRODUCTO
      WHERE DY='DOM'
      GROUP BY IDPRODUCTO) );

SELECT * FROM(SELECT LOCAL, COUNT(LOCAL) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO)
      NATURAL JOIN RESTAURANTE
      WHERE DY='DOM'
      GROUP BY LOCAL)
      NATURAL JOIN(SELECT MAX(TOTAL)AS TOTAL
      FROM(SELECT LOCAL, COUNT(LOCAL) AS TOTAL
      FROM ((SELECT IDPEDIDO, TO_CHAR(FECHAYHORA,'DY') ) AS DY FROM PEDIDO )
      NATURAL JOIN PEDIDOPRODUCTO)
      NATURAL JOIN RESTAURANTE
      WHERE DY='DOM'
      GROUP BY LOCAL) );
```

```

SELECT CEDULA, NOMBRE, EMAIL, ROL
FROM ((SELECT CEDULA,NOM AS NOMBRE, ROL, EMAIL
      FROM ((PEDIDO NATURAL JOIN (SELECT CEDULA, ROL, EMAIL, NOMBRE AS NOM FROM USUARIO))
      INNER JOIN
      (PEDIDOPRODUCTO NATURAL JOIN (PRODUCTO NATURAL JOIN OFRECEPRODUCTO)) ON PEDIDO.IDPEDIDO=PEDIDOPRODUCTO.IDPEDIDO)
WHERE IDCATEGORIA=2 AND PRECIO>=36885.855 )
UNION ALL
(SELECT CEDULA, NOMBRE,EMAIL,ROL
FROM(SELECT SUM(NUMWEEKS) AS TOTALWEEKS
      FROM (SELECT COUNT(DISTINCT(WEEK)) AS NUMWEEKS,YEAR
            FROM(SELECT IDPEDIDO, EXTRACT(YEAR FROM FECHAYHORA) AS YEAR, to_number(to_char(FECHAYHORA,'WW')) AS WEEK FROM (PEDIDO ))
            GROUP BY YEAR))
NATURAL JOIN
(SELECT NOMBRE, ROL, CEDULA, EMAIL, SUM(NUMWEEKS) AS TOTALWEEKS
FROM (SELECT COUNT(*) AS NUMWEEKS, NOMBRE, CEDULA, EMAIL, ROL, YEAR
      FROM (SELECT EXTRACT(YEAR FROM FECHAYHORA)AS YEAR, CEDULA, ROL, NoMBRE, EMAIL , to_number(to_char(FECHAYHORA,'WW')) AS WEEK
            FROM (PEDIDO NATURAL JOIN USUARIO))
      GROUP BY NOMBRE, ROL, CEDULA, EMAIL, YEAR)
GROUP BY NOMBRE, ROL, CEDULA, EMAIL)))))
UNION ALL
SELECT CEDULA, NOMBRE, ROL, EMAIL FROM (PEDIDO NATURAL JOIN PEDIDOPRODUCTO) NATURAL JOIN USUARIO
WHERE CEDULA not IN (SELECT CEDULA FROM (PEDIDO NATURAL JOIN PEDIDOMENU) NATURAL JOIN USUARIO CEDULA )
GROUP BY CEDULA, NOMBRE, EMAIL, ROL;

```

ÍNDICE USADO	Justificación
FECHAYHORA	Solo se requerira de los indices hechos por ORACLE yuno en FECHAYHORA(PEDIDO) dado que solo se manejan llaves primarias y este atributo
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FECHAYHORA

Solo se requerira de los indices hechos
por ORACLE y uno en FECHAYHORA(
PEDIDO) dado que solo se manejan
llaves primarias y este atributo