21. SELECT maker, MAX(price) AS ret

FROM Product

INNER JOIN

PC ON Product.model = PC.model

GROUP BY maker

22. SELECT speed, AVG(price) AS ret

FROM PC

WHERE speed>600

GROUP BY speed

23. SELECT DISTINCT maker FROM Product

INNER JOIN PC ON pc.model=product.model WHERE speed>=750

INTERSECT

SELECT DISTINCT maker FROM Product

INNER JOIN Laptop ON laptop.model=product.model WHERE speed>=750

24. SELECT model

FROM ( SELECT model, price FROM pc

UNION

SELECT model, price FROM Laptop

UNION

SELECT model, price FROM Printer ) t1

WHERE price = (

SELECT MAX(price) FROM (

SELECT price FROM pc

UNION

SELECT price FROM Laptop

UNION

SELECT price FROM Printer) t2 )

25. SELECT DISTINCT maker

FROM Product

WHERE type = 'printer' AND maker IN(SELECT maker FROM Product WHERE model IN (SELECT model FROM PC WHERE pc.ram IN(SELECT MIN(pc1.ram) FROM PC PC1)) AND model IN(SELECT model FROM PC WHERE speed = (SELECT MAX(speed) FROM (SELECT speed FROM PC WHERE ram=(SELECT MIN(ram) FROM PC) ) AS z4)))

26. SELECT AVG(price)

FROM (SELECT price

FROM PC

WHERE model IN (SELECT model

FROM product

WHERE maker='A' AND

type='PC')

UNION ALL

SELECT price

FROM Laptop

WHERE model IN (SELECT model

FROM product

WHERE maker='A' AND

type='Laptop')

) AS prod

27. SELECT Result.maker, AVG(result.hd)

FROM (SELECT PC.hd, Product.maker

FROM PC INNER JOIN Product ON PC.model = Product.model

WHERE Product.maker IN (SELECT Product1.maker

FROM Product Product1 WHERE type='Printer'

GROUP BY Product1.maker) ) AS result

GROUP BY result.maker

28. SELECT COUNT(maker) AS ret

FROM Product

WHERE maker IN (SELECT maker FROM Product

GROUP BY maker

HAVING COUNT(DISTINCT model)=1)

31. SELECT class,country FROM Classes

WHERE bore>=16

33. SELECT ship FROM Outcomes

WHERE result ='sunk' AND battle = 'North Atlantic'

34. SELECT sh.name

FROM Ships AS sh,Classes

WHERE sh.class = Classes.class AND launched>=1922 AND type='bb' AND displacement>35000

35. SELECT model, type

FROM product

WHERE upper(model) NOT like '%[^A-Z]%'

OR model not like '%[^0-9]%'

36. SELECT DISTINCT name

FROM Ships INNER JOIN Classes ON ships.name=classes.class

UNION

SELECT name FROM Battles INNER JOIN Classes ON battles.name=classes.class

UNION

SELECT ship FROM Outcomes INNER JOIN Classes ON outcomes.ship=classes.class

37. SELECT c.class FROM Classes c INNER JOIN (SELECT class,name FROM Ships

UNION

SELECT ship,ship FROM Outcomes)AS s ON s.class=c.class

GROUP BY c.class

HAVING COUNT(s.name ) = 1

38. SELECT country FROM

(SELECT country FROM Classes WHERE type='bb'

INTERSECT

SELECT country FROM Classes WHERE type ='bc')

X GROUP BY country

39. WITH b\_s AS

(SELECT o.ship, b.name, b.date, o.result

FROM outcomes o

LEFT JOIN battles b ON o.battle = b.name )

SELECT DISTINCT a.ship FROM b\_s a

WHERE UPPER(a.ship) IN

(SELECT UPPER(ship) FROM b\_s b

WHERE b.date < a.date AND b.result = 'damaged')

40. SELECT s.class,s.name,country

FROM Ships AS s

INNER JOIN Classes ON s.class=classes.class WHERE numGuns>=10