41. Select fields,A from

( Select

cast(model as NVARCHAR(10)) as model

, cast (speed as NVARCHAR(10)) as speed

, cast(ram as NVARCHAR(10)) as ram

,cast(hd as NVARCHAR(10)) as hd

, cast(cd as NVARCHAR(10)) as cd

, cast(price as NVARCHAR(10)) as price from PC

where code = (Select max(code) from PC)

) as t

unpivot

( A for fields in (model, speed, ram, hd, cd, price) ) as unpvt

42. SELECT ship,battle

FROM Outcomes

WHERE result='sunk'

43. SELECT name FROM Battles

WHERE date NOT IN(SELECT date AS ret FROM Battles WHERE YEAR(date) IN(SELECT launched FROM Ships))

UNION

SELECT name

FROM Battles

WHERE date IS NULL

44. SELECT DISTINCT name

FROM Ships

WHERE name LIKE 'R%'

UNION

SELECT DISTINCT name

FROM Battles

WHERE name LIKE 'R%'

UNION

SELECT DISTINCT ship

FROM Outcomes

WHERE ship LIKE 'R%'

45. SELECT DISTINCT name

FROM Ships

WHERE name LIKE '% % %'

UNION

SELECT DISTINCT name

FROM Battles

WHERE name LIKE '% % %'

UNION

SELECT DISTINCT ship

FROM Outcomes

WHERE ship LIKE '% % %'

46. SELECT o.ship,displacement,numGuns

FROM (SELECT name AS ship,displacement,numGuns FROM Ships s JOIN Classes c ON s.class=c.class

UNION

SELECT class AS ship,displacement,numGuns FROM Classes c) AS a

RIGHT JOIN Outcomes o ON o.ship=a.ship WHERE battle='guadalcanal'

47. SELECT count(\*) OVER (order by c.countM DESC, c.maker,c.model) no, c.maker, c.model

FROM (SELECT count(\*) OVER(partition by maker) countM, maker,model FROM product) c

48. SELECT classes.class FROM Classes

INNER JOIN Ships ON ships.class=classes.class WHERE ships.name IN( SELECT ship FROM Outcomes WHERE result='sunk')

UNION

SELECT classes.class FROM Classes

WHERE classes.class IN( SELECT ship FROM Outcomes WHERE result='sunk')

49. SELECT name FROM Ships JOIN Classes ON ships.class=classes.class WHERE bore='16'

UNION

SELECT ship FROM Outcomes JOIN Classes ON outcomes.ship=classes.class WHERE bore='16'

50. SELECT DISTINCT battle

FROM Outcomes INNER JOIN Ships ON ships.name=outcomes.ship WHERE class='Kongo'

52. SELECT DISTINCT name FROM Ships JOIN Classes ON ships.class=classes.class WHERE type='bb' AND country='Japan' AND (numGuns>=9 OR numGuns IS NULL) AND (displacement<=65000 OR displacement IS NULL) AND (bore < 19 OR bore IS NULL)

53. SELECT CONVERT(NUMERIC(6,2),AVG(numGuns\*1.0))

FROM Classes WHERE type='bb'

54. SELECT CAST(AVG( numGuns\*1.0) AS NUMERIC(6,2)) AS ret FROM (

Select numguns, name

from classes left join ships ON ships.class=classes.class

where type='bb' and name!='null'

union all

select distinct numguns, ship

from classes left join outcomes on classes.class=outcomes.ship

where ship not in (select name from ships) and type='bb' )a

55. SELECT class, MIN(launched)

FROM Ships

GROUP BY class

UNION

SELECT class, NULL

FROM classes

WHERE class NOT IN(SELECT class

FROM ships)

56. SELECT c.class, COUNT(s.ship)

FROM classes c

LEFT JOIN

(

SELECT o.ship, sh.class

FROM outcomes o

LEFT JOIN ships sh ON sh.name = o.ship

WHERE o.result = 'sunk'

) AS s ON s.class = c.class OR s.ship = c.class

GROUP BY c.clas

57. SELECT c.class, SUM(sh.sunked)

FROM classes c

LEFT JOIN (

SELECT t.name AS name, t.class AS class,

CASE WHEN o.result = 'sunk' THEN 1 ELSE 0 END AS sunked

FROM

(

SELECT name, class

FROM ships

UNION

SELECT ship, ship

FROM outcomes

)

AS t

LEFT JOIN outcomes o ON t.name = o.ship

) sh ON sh.class = c.class

GROUP BY c.class

HAVING COUNT(DISTINCT sh.name) >= 3 AND SUM(sh.sunked) > 0

59. SELECT c1, c2-

(CASE

WHEN o2 is null THEN 0

ELSE o2

END)

from

(SELECT point c1, sum(inc) c2 FROM income\_o

group by point) as t1

left join

(SELECT point o1, sum(out) o2 FROM outcome\_o

group by point) as t2

on c1=o1

60. SELECT c1, c2-

(CASE

WHEN o2 is null THEN 0

ELSE o2

END)

from

(SELECT point c1, sum(inc) c2 FROM income\_o

where date<'2001-04-15'

group by point) as t1

left join

(SELECT point o1, sum(out) o2 FROM outcome\_o

where date<'2001-04-15'

group by point) as t2

on c1=o1