1. INSERT INTO PC

VALUES ('20', 2111, '950','512','60','52x','1100')

2. INSERT INTO Product VALUES

('Z', 4003, 'Printer'),

('Z', 4001, 'PC'),

('Z', 4002, 'Laptop')

3. INSERT INTO PC

VALUES ('22', 4444,'1200', DEFAULT,DEFAULT,DEFAULT,'1350')

4. insert into pc

(code, model, speed, ram, hd, price )

select min ( a.code ) + 20,

a.model + 1000,

max ( a.speed ),

max ( a.ram ) \* 2,

max ( a.hd ) \* 2,

max ( a.price ) / 1.5

from laptop as a

group by a.model

5. DELETE FROM PC

WHERE ram IN(SELECT MIN(ram) AS ret FROM PC) OR hd IN(SELECT MIN(hd) AS et FROM PC)

6. DELETE FROM Laptop

WHERE model IN(SELECT model FROM Product WHERE maker NOT IN(SELECT maker FROM Product WHERE type='Printer'))

7. UPDATE Product

SET maker = 'Z'

WHERE maker='A' AND type='Printer'

8. DELETE FROM Ships

WHERE name IN(SELECT ship FROM Outcomes WHERE result='sunk')

9. UPDATE Classes

SET bore = bore\*2.5, displacement=round(displacement/1.1,0)

10. insert into pc (code, model, speed, ram, hd, cd, price)

select q.code+r.model as code,r.model, speed, ram, hd, cd, price

from (select max(code)code,max(speed) speed,max(ram) ram,max(hd) hd,

cast(max(cast(LEFT(cd, CHARINDEX('x', cd)-1)AS INT))as varchar(10) )+'x' cd, avg(price) price from pc) q,

(SELECT model FROM Product t

WHERE type = 'pc' AND NOT EXISTS (SELECT model FROM Pc WHERE model = t.model)

) r

11. insert into pc

( code, model, speed, ram, hd,cd, price )

select min ( a.code ) + 20,

a.model + 1000,

max ( a.speed ),

max ( a.ram ) \* 2,

max ( a.hd ) \* 2,

cast(max(cast(LEFT(cd, CHARINDEX('x', cd)-1)AS INT))as varchar(2) )+'x' ,

max ( a.price ) / 1.5

from laptop as a, pc as b

group by a.model

12. UPDATE Laptop

SET screen = screen+1, price=price-100

WHERE model IN(SELECT model FROM Product WHERE maker='B' OR maker='E')

13. INSERT INTO Outcomes VALUES

('Rodney',(SELECT name FROM Battles WHERE date ='1944-10-25'),'sunk'),

('Nelson',(SELECT name FROM Battles WHERE date ='1945-01-28'),'damaged')

14. DELETE FROM Classes

WHERE class IN( SELECT DISTINCT c.class FROM Classes c LEFT JOIN (SELECT DISTINCT class,name FROM Ships

UNION

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

GROUP BY c.class

HAVING COUNT(s.name ) <3)