ＳＱＬ課題解答

1．select address
   from customers

2．select productname
   from products

3．select price
   from products

4．select employeename
   from employees

5．select email
   from employees

6．select customername, address
   from customers

7．select productid, productname, price
   from products

8．select employeename, email, height
   from employees

9．select customercode, customername, customercode
   from customers

１０．select productcode, price, productname, productcode
   from products

１１．select employeename as 社員名
   from employees

１２．select customercode as 顧客コード, customername as 顧客名
   from customers

１３．select productcode as 商品コード, productname as 商品名, price as 価格
   from products

１４．select customername as 顧客名, customername as 得意先名
　　　from customers

１５．select employeename as 社員名, email as メールアドレス, email as 連絡先
　　　from employees

１６．select *
　　　from employees

１７．select employeename as 社員名, weight/height/height*10000 as BMI
　　　from employees

１８．select concat(employeename, 'さん') as 社員名
　　　from employees

１９．select concat('社員', employeename, 'さんの血液型は', bloodtype, '型') as 社員血液型
　　　from employees

２０．select sum(weight) as 社員体重合計
　　　from employees

２１．select min(weight) as 最軽量体重
　　　from employees

２２．select avg(height) as 平均身長, avg(weight) as 平均体重
　　　from employees

２３．select weight
　　　from employees
　　　where weight>=70

２４．select height
　　　from employees
　　　where height between 160 and 180

２５．select employeename, height, weight
　　　from employees
　　　where height>=170 and weight>=80

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26. select employeename
    from employees
    where employeename like '%—%'

27. select avg(height)
    from employees
    where employeename like '%—%'

28. select employeename, height
    from employees
    where employeename like '%—%' and height<=160

29. select bloodtype as 血液型, avg(height) as 平均身長, avg(weight) as 平均体重
    from employees
    group by bloodtype

30. select bloodtype as 血液型, count(*) as データ数
    from employees
    group by bloodtype
    having count(*)>=10

31. select bloodtype as 血液型, count(*) as データ数
    from employees
    where height>=165
    group by bloodtype
    having count(*)>=5

32. select employeeID, employeename, birthday
    from employees
    order by birthday

33. select distinct hirefiscalyear
    from employees

34. select categoryid, count(*)
    from products
    where price<=1000
    group by categoryid
    having count(*) <5
    order by categoryid
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３５． select count(*)
     from customers
     where  customername not like '%株式会社%'


３６． select customername, address
     from customers
     where  customername not like '%株式会社%' and address like '%江戸川区%'


３７． select prefecturalid, count(*)
     from customers
     group by prefecturalid
     having count(*)>1


３８． select prefecturalid, count(*)
     from customers
     group by prefecturalid
     having count(*)>1 and prefecturalid>=10


３９． select customerid as 顧客 ID, count(*) as 件数
     from sales
     group by customerid


４０． select customerid as 顧客 ID, count(*) as 件数
     from sales
     group by customerid
     order by count(*) desc


４１． select customerid as 顧客 ID, productid as 商品 ID, sum(quantity) as 合計
     from sales
     group by customerid, productid


４２． select customerid as 顧客 ID, productid as 商品 ID, sum(quantity) as 合計
     from sales
     group by customerid, productid
     order by sum(quantity) desc


４３． select productid as 商品 ID, count(*) as 件数
     from sales
     group by productid
     having count(*) between 10 and 50
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４４．select productid as 商品 ID, count(*) as 件数
    from sales
    group by productid
    having count(*) between 10 and 50
    order by count(*) desc


４５．select productid as 商品 ID, sum(quantity) as 合計
    from sales
    group by productid
    having sum(quantity) between 100 and 200


４６．select s.productid as 商品 ID, p.productname as 商品名, sum(s.quantity) as 合計
    from sales as s
    join products as p
    on s.productid = p.productid
    group by s.productid, p.productname
    having sum(s.quantity) between 100 and 200


４７．select productid as 商品 ID, count(*) as 件数
    from sales
    where ProductID between 20 and 30
    group by productid
    having count(*)>=30


４８．select s.productid as 商品 ID, p.productname as 商品名, count(*) as 件数
    from sales as s
    join products as p
    on s.productid = p.productid
    where s.productid between 20 and 30
    group by s.productid, p.productname
    having count(*)>=30


４９．select productid as 商品 ID, sum(quantity) as 合計
    from sales
    where saledate >= '2004-06-01'
    group by productid
    having sum(quantity)>=200
```

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５０．select p.productname as 商品名, sum(quantity) as 合計
    from sales as s
    join products as p
    on s.productid = p.productid
    where s.saledate >= '2004-06-01'
    group by s.productid, p.productname
    having sum(s.quantity)>=200


５１．select c.customername as 顧客名, c.address as 住所, count(*) as 件数
    from sales as s
    join customers as c
    on s.customerid = c.customerid
    group by s.customerid, c.customername, c.address
    order by count(*) desc


５２．select c.customername as 顧客名, concat(p.prefecturalname, c.address) as 住所
    from customers as c
    join prefecturals as p
    on c.prefecturalid = p.prefecturalid


５３．select employeeid as 社員 ID
    from employees
    where height>=
    (select avg(height)
    from employees)


５４．select employeename as 社員名, height as 身長
    from employees
    where height>=
    (select avg(height)
    from employees)


５５．select employeename as 社員名, weight as 体重
    from employees
    where weight<=
    (select avg(weight)
    from employees)
```

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５６．select productid, productname
    from products
    where productid not in
    (select productid
    from sales)


５７．select employeeid as 社員ID, employeename as 社員名
    from employees
    where employeeid not in
    (select employeeid
    from sales)


５８．select customerid as 顧客ID, customername as 顧客名, address as 住所
    from customers
    where customerid not in
    (select customerid
    from sales)


５９．insert into employees
    (employeeid, employeename, height, weight, email, hirefiscalyear,
    birthday, bloodtype)
    values
    (31, 'モクモク', 170, 60, 'moku@nekoyasudo', 2004, '1986-08-08', 'AB')


６０．insert into sales
    (saleid, quantity, customerid, productid, employeeid, saledate)
    values
    (1006, 10, 1, 40, 31, '2004-09-10')


６１．insert into salary
    (salaryid, employeeid, paydate, amount)
    values
    (354, 31, '2004-09-05', 100000)


６２．insert into customers
    (customerid, customername, address, customerclassid, prefecturalid)
    values
    (31, '夢商会', '松戸市小金', 1, 12)
```

```
63. insert into prefecturals
    (prefecturalid, prefecturalname)
    values
    (101, 'ニューヨーク州')


64. update products
    set
    price = price*0.95


65. UPDATE customers
    set
    customercode = customercode + 1000


66. update employees
    set
    email = email || '.com'


67. update employees
    set
    height = height + 5, weight = weight - 10


68. update employees
    set
    height = height - 5, weight = weight + 10


69. update employees
    set
    height = height + 10
    where employeeid  = 10

70. update salary
    set
    amount = amount + 20000
    where employeeid = 5 and paydate = '2004-03-25'


71. update employees
    set
    height = height + 5, weight = weight - 10
    where bloodtype = 'AB'
```

```
7 2. update sales
     set
     quantity = quantity + 10
     where customerid = 10 and productid = 5 and saledate >= '2004-05-31'


7 3. update sales
     set
     quantity = quantity + 10
     where customerid = 10 and productid = 39 and saledate >= '2004-05-31'


7 4. update products
     set
     price = price * 0.95
     where productid not in
     (select productid
     from sales)


7 5. update salary
     set
     amount = amount * 0.95
     where paydate = '2004-08-25'
     and
     employeeid not in
     (select employeeid
     from sales
     group by employeeid
     having count(*)>=10)


7 6. update salary
     set
     amount = amount * 1.1
     where paydate = '2004-08-25'
     and
     employeeid in
     (select employeeid
     from sales
     group by employeeid
     having count(*)>=50)
```

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7 7.  update salary
      set
      amount = amount * 0.9
      where paydate = '2004-08-25'
      and
      employeeid not in
      (select employeeid
      from sales)


7 8.  update products
      set
      price = price * 1.01
      where products.productid in
      (select s.productid
      from sales as s
      group by s.productid
      having sum(s.quantity)>100)
```