

You have been provided with a table called 'employee' that contains three columns:

- employeeid
- department
- salary

employee

employeeid	department	salary
EMP111	A	10000
EMP222	A	7000
EMP333	B	7000
EMP444	B	6000
EMP555	C	15000
EMP666	C	14000
EMP777	C	14000
EMP888	C	13000
EMP999	C	4999

Question 1

Categorise employees by banding their salary into:

- less than 5000
- between 5000 and 10000
- more than 10000

Expected result

employeeid	salary	salary_band
EMP111	10000	between 5000 and 10000
EMP222	7000	between 5000 and 10000
EMP333	7000	between 5000 and 10000
EMP444	6000	between 5000 and 10000
EMP555	15000	more than 10000
EMP666	14000	more than 10000
EMP777	14000	more than 10000
EMP888	13000	more than 10000
EMP999	4999	less than 10000

Question 2

List the highest, lowest, and average salary of each department, excluding departments with more than 2 employees.

Expected result

department	highest_salary	lowest_salary	average_salary
A	10000	7000	8500
B	7000	6000	6500

Question 3

List the number of unique salaries in each department.

Expected result

department	unique_salary_count
A	2
B	2
C	4

Question 4

Within each department, for employees with the same salary, list the department and employeeid.

Expected result

department	employeeid
C	EMP666
C	EMP777

Question 5

List the top 3 salaries of each department.

Expected result

department	salary
A	10000
A	7000
B	7000
B	6000
C	15000
C	14000
C	13000