

## QUESTION1


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### Query :

(a) Get the names and locations of the suppliers who have shipped part with pno = 3.


Output:


Result Grid





Filter Rows:

Export: 





Wrap Cell Content: 

|   |       |        |
|---|-------|--------|
|   | sname | city   |
| ▶ | sn1   | London |
|   | sn2   | Paris  |
|   | sn3   | London |

### Query

(b) Get the part numbers and names of parts that have been shipped by suppliers located in Paris with status at least 20.

Output:

Result Grid   Filter Rows:  | Export:  | Wrap Cell Content: 

|   | pno | pname |
|---|-----|-------|
| ▶ | 1   | pn1   |
|   | 2   | pn2   |
|   | 3   | pn3   |
|   | 4   | pn4   |

### Query :3

(c) For each part, show the part number, name, and the number of suppliers who have supplied the part.

#### Output:

| Result Grid |     | Filter Rows: |                | Export: | Wrap Cell Content: |
|-------------|-----|--------------|----------------|---------|--------------------|
|             | pno | pname        | Supplierstotal |         |                    |
| ▶           | 1   | pn1          | 4              |         |                    |
|             | 2   | pn2          | 3              |         |                    |
|             | 3   | pn3          | 3              |         |                    |
|             | 4   | pn4          | 2              |         |                    |
|             | 5   | pn5          | 1              |         |                    |

### Query :

(d) For each London supplier who has shipped at least 1000 parts, show the name of the supplier and the total number of parts he/she has shipped.

#### Output:

| Result Grid |       | Filter Rows: |  |
|-------------|-------|--------------|--|
|             | sname | Totalquant   |  |
| ▶           | sn1   | 1500         |  |

### Query :

(e) Get the names and cities of the suppliers who have supplied all parts that weigh less than 4 grams.

#### Output:

| Result Grid |       | Filter Rows: |  | Export: |
|-------------|-------|--------------|--|---------|
|             | sname | city         |  |         |
| ▶           | sn1   | London       |  |         |
|             | sn2   | Paris        |  |         |
|             | sn3   | London       |  |         |
|             | sn4   | Rome         |  |         |