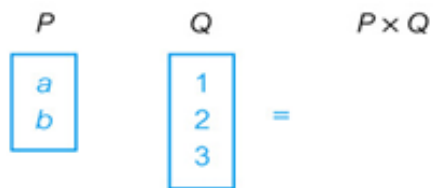


Exercise 4: Join Operation

1- Find the output of $P \times Q$



2- Based on the following table, Find the output of

Department \bowtie Project

Dnumber =Dno

Department	Dnumber	Dname
	1	D1
	2	D2
	3	D3
	4	D4
	5	D5

Project	Pno	Pname	Dno
	1001	AAA	1
	2001	BBB	2
	3002	CCC	2
	4003	DDD	3

Department \bowtie Project

Dnumber =Dno

Example: based on the following diagram,

- 1- retrieve name of the manger for each department.
- 2- Retrieve name of the project and name of the controlling department.

