Join (⋈)

Sony P

Join ⋈

• Cartesian Product + Select (σ)

- A(A1, A2, . . ., An) and B(B1, B2, . . ., Bm) is:
- A < join condition> B

Find the name of students who are studying in computer science department

Sname	RollNo	Dept
Abraham	CSU19A02	CSE
Aleena	CSU19B06	CSE
Jithin	ECU18B07	ECE
Asha	EEE17A02	EEE

Dname	Did
Computer Science	CSE
Electronics	ECE
Electrical	EEE

 Π_{sname} ($\sigma_{\text{Dname="Computer science"}}$ ($\sigma_{\text{student.Dept=Department.Did}}$ (Student x Department)))

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```

$$\Pi_{\text{sname}}$$
 ($\sigma_{\text{Dname="Computer science"}}$ (Student $\bowtie_{\text{student.Dept=Department.Did}}$ Department))

Student ⋈_{student.Dept=Department.Did} Department))

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Sname

Abraham

Aleena