|  |  |  |  |
| --- | --- | --- | --- |
| Sname | cgpa | Semester | department |
|  |  |  |  |
|  |  |  |  |

Student

Can we make a self for this table?

|  |  |  |
| --- | --- | --- |
| Sname | cgpa | Semester |
|  |  |  |
|  |  |  |

stuA🡪a

|  |  |
| --- | --- |
| cgpa | Semester |
|  |  |
|  |  |

stuB🡪b  
  
these 2 tables are imaginary

**select a.sname, a.semester, b.semester**

**from student a, student b  
  
where a.cgpa = b.cgpa**

|  |  |  |
| --- | --- | --- |
| **TID** | **sal** | **JoinDate** |
|  |  |  |
|  |  |  |

**Teacher**

**Portion a**

|  |  |
| --- | --- |
| **TID** | **sal** |
|  |  |
|  |  |

**Portion b**

|  |  |
| --- | --- |
| **TID** | **Joindate** |
|  |  |
|  |  |

**select a.sal, a.TID, b.joindate  
from teacher a, teacher b  
where a.TID = b.TID**

|  |  |
| --- | --- |
| **TID** | **sal** |
|  |  |
|  |  |

Teacher (main table)  
portion x🡪 (TID, sal)  
Portion y🡪(sal)  
  
### where x.sal = y.sal