

```
SELECT Tb_B.Name, Tb_A. DepartmentName
WHERE Tb_A.DepartmentID==Tb_B.Department_ID
```

Hash Table: <DepartmentID, void>

<6, void>

....

1. Build a hash table

2. Find matches in the hash table

DepartmentID	DepartmentName
6	EECS
15	Sloan
2	ME

Table A: Department_Table

Name	DepartmentID
Arvind	6
Bob	15
Chen	-1
Daniel	6

Table B: Faculty_Table