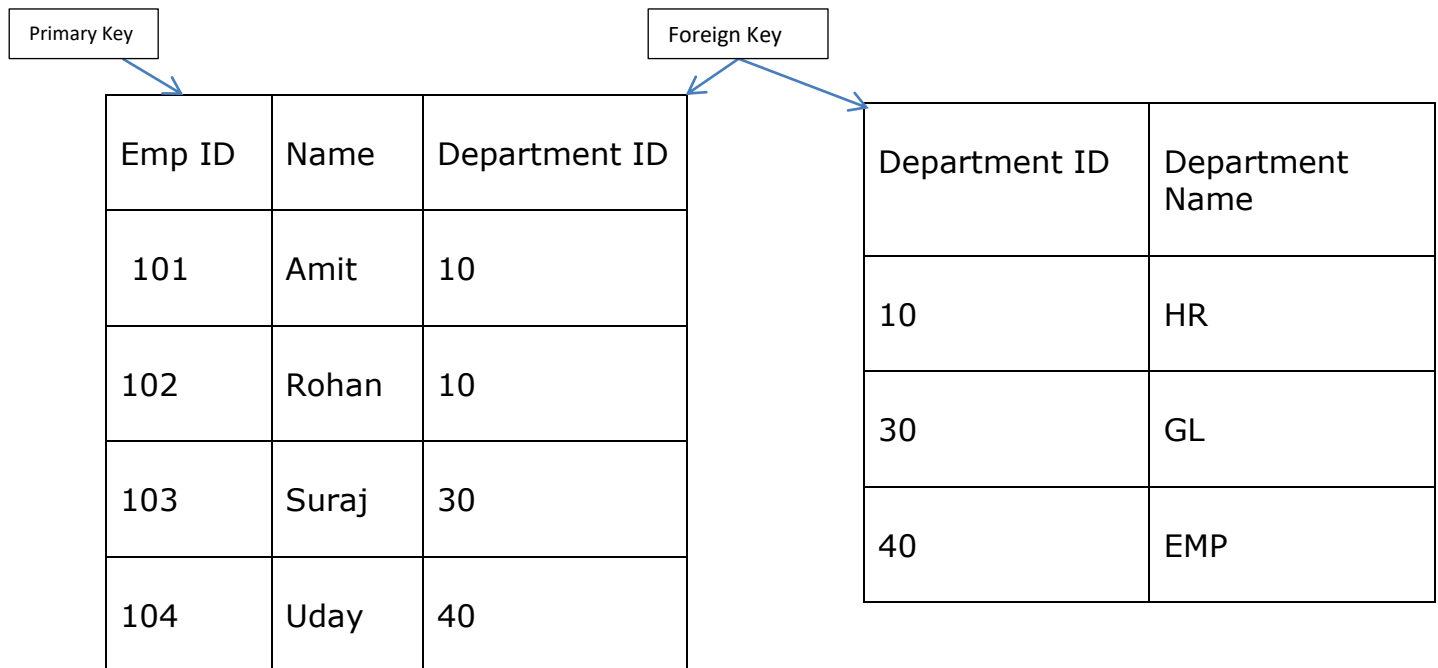


\*\*\*\*\* FOREIGN KEY \*\*\*\*\*

The Foreign Key constraint is a key used to link two tables together.

A Foreign Key is a field (or collection of fields) in one table that refers to the Primary Key in another table.



Here, **Department ID** is the Foreign key that establishes some link between both the tables

The table having foreign key is called child table and the reference table is the parent table.

We can make a Foreign key in SQL while creating a table or altering it later

## SYNTAX

### While Creating A Table

```
CREATE TABLE empdtl(EMP ID int primary key not null,Name varchar(20),  
Department ID int(2), address varchar(30));
```

### Altering It Later

```
ALTER TABLE empdtl ADD FOREIGN KEY (Department ID) REFERENCES  
Departments (Department ID);  
ALTER TABLE empdtl DROP FOREIGN KEY;
```

## DROPPING A FOREIGN KEY

```
ALTER TABLE empdtl DROP FOREIGN KEY;
```