8 days:

**Day 7**

**Database:**

**Join:** Join is use to retrieve more than one column from more than one table with or without conditions.

Cross join or Cartesian product:

Select fewColumnFromFirstTable, fewColumnsFrom secondTable from firstTableName,secondTableName

Result is

M\*N = MN

select first\_name,job\_title from employee, jobs;

cross join using table and column name

select employee.first\_name,employee.job\_id,jobs.job\_title from employee, jobs;

**table alias**

select tableAlias.columName,tableAlias.column from firstName tableAlias,secondTable tableAlias;

select e.first\_name,e.job\_id,j.job\_title from employee e, jobs j;

**Inner join or Equi-Join**

Select fewColumnFromFirstName, fewColumnFromSecondTable firstName inner join secondTableName on firstTableCommonColumn=secondTableCommonColumn

select e.first\_name,e.salary,d.department\_name from employee e inner join department d on e.department\_id=d.department\_id;