

Problem Statement 7:

Create tables in First normal form
1NF by removing the Repeating
Groups.

EmpId: 2563633
Name: Shubham Kumar
Paterno

⇒ 1. • Department table:

Department number	Department name
10	IT
20	Accounting

• Employee table:

Emp name	Emp no.	Title name	Dept. no.
Dave D	101	Manager	10
George G	201	Programmer	—
Susan S	301	Analyst	—
Larry L	200	Accountant	20
Yolanda V	322	Manager	—

2. Attributes in table 1: Dept. no., Dept. name

Attributes in table 2: Employee name, Employee number,
title name, dept. no.

3. Candidate key for department table is Dept. number,
and "Employee number" for employee table.

Primary key is Dept. number for department reference
and "Employee number" for employee.

Foreign Key is only in Employee table i.e.
Department number.