Perfect 👍 let’s put **all exercises (1–9)** into the same **compact format (0NF → 1NF → 2NF → 3NF)** like your invoice example.  
I’ll include only the **essential tables with PKs underlined + bold**.

**Lab 6 – Compact Normalisation**

**Exercise 1 – Students**

**0NF**

(StudentName, StudentAddress, Age, Paid, NotYetPaid, StudentRoom, AtHome,

RG(EmailAddress),

RG(Subject, Period, Grade),

AvgP1, AvgP2)

**1NF**

Student(\*\*StudentID\*\*, Name, Address, Age, Paid, NotYetPaid, StudentRoom, AtHome)

StudentEmail(\*\*StudentID, EmailAddress\*\*)

Result(\*\*StudentID, Subject, Period\*\*, Grade)

**2NF**

Student(\*\*StudentID\*\*, Name, Address, Age, Paid, NotYetPaid, StudentRoom, AtHome)

StudentEmail(\*\*StudentID, EmailAddress\*\*)

Subject(\*\*SubjectID\*\*, SubjectName)

Result(\*\*StudentID, SubjectID, Period\*\*, Grade)

**3NF**

Student(\*\*StudentID\*\*, Name, Address, Age, Paid, NotYetPaid, StudentRoom, AtHome)

StudentEmail(\*\*StudentID, EmailAddress\*\*)

Subject(\*\*SubjectID\*\*, SubjectName)

Result(\*\*StudentID, SubjectID, Period\*\*, Grade)

**Exercise 2 – Business Administration**

**0NF**

(ProjectID, Budget, Division, Director,

RG(EmployeeID, EmployeeName, Time))

**1NF**

Project(\*\*ProjectID\*\*, Budget, Division)

Employee(\*\*EmployeeID\*\*, Name)

ProjectAssignment(\*\*ProjectID, EmployeeID\*\*, Time)

Division(\*\*DivisionID\*\*, Director)

**2NF**

Project(\*\*ProjectID\*\*, Budget)

Employee(\*\*EmployeeID\*\*, Name, DivisionID)

ProjectAssignment(\*\*ProjectID, EmployeeID\*\*, Time)

Division(\*\*DivisionID\*\*, Director)

**3NF**

Project(\*\*ProjectID\*\*, Budget)

Employee(\*\*EmployeeID\*\*, Name, DivisionID)

ProjectAssignment(\*\*ProjectID, EmployeeID\*\*, Time)

Division(\*\*DivisionID\*\*, Director)

**Exercise 3 – Surfclub**

**0NF**

(MemberID, Name, Address, MembershipDate,

RG(SurfStyle),

RG(EventName, Date, Location, Fee))

**1NF**

Member(\*\*MemberID\*\*, Name, Address, MembershipDate)

MemberSurfStyle(\*\*MemberID, SurfStyle\*\*)

Event(\*\*EventID\*\*, Name, Date, Location, Fee)

MemberEvent(\*\*MemberID, EventID\*\*)

**2NF / 3NF**

Member(\*\*MemberID\*\*, Name, Address, MembershipDate)

MemberSurfStyle(\*\*MemberID, SurfStyle\*\*)

Event(\*\*EventID\*\*, Name, Date, Location, Fee)

MemberEvent(\*\*MemberID, EventID\*\*)

**Exercise 4 – Cookbooks**

**0NF**

(BookNo, Title, Subtitle, Language, Website,

RG(PubNo, PubName, PubCity, PubCountry),

RG(AuthorNo, AuthorName, AuthorCity, AuthorCountry),

RG(EditionNo, EditionMonth, EditionYear))

**1NF / 2NF / 3NF**

Book(\*\*BookNo\*\*, Title, Subtitle, Language, Website)

Publisher(\*\*PubNo\*\*, PubName, City, Country)

BookPublisher(\*\*BookNo, PubNo\*\*)

Author(\*\*AuthorNo\*\*, Name, City, Country)

BookAuthor(\*\*BookNo, AuthorNo\*\*)

Edition(\*\*BookNo, EditionNo\*\*, Month, Year)

**Exercise 5 – Home Administration**

**0NF**

(LeaderNo, LeaderName, DepartmentNo, DepartmentName, Capacity,

RG(ChildID, Name, BirthDate,

RG(EventCode, EventType, Count)))

**1NF**

Leader(\*\*LeaderNo\*\*, Name, DepartmentNo)

Department(\*\*DepartmentNo\*\*, Name, Capacity)

Child(\*\*ChildID\*\*, Name, BirthDate, LeaderNo)

Event(\*\*ChildID, EventCode\*\*, Count)

EventType(\*\*EventCode\*\*, EventType)

**2NF / 3NF**

Leader(\*\*LeaderNo\*\*, Name, DepartmentNo)

Department(\*\*DepartmentNo\*\*, Name, Capacity)

Child(\*\*ChildID\*\*, Name, BirthDate, LeaderNo)

Event(\*\*ChildID, EventCode\*\*, Count)

EventType(\*\*EventCode\*\*, EventType)

**Exercise 6 – Student Administration**

**0NF**

(StudentNo, StudentName, Major,

CourseNo, CourseName,

InstructorNo, InstructorName, InstructorLocation,

Grade)

**1NF**

Enrollment(\*\*StudentNo, CourseNo\*\*, Grade, StudentName, Major, CourseName, InstructorNo, InstructorName, Location)

**2NF / 3NF**

Student(\*\*StudentNo\*\*, Name, Major)

Instructor(\*\*InstructorNo\*\*, Name, Location)

Course(\*\*CourseNo\*\*, Name, InstructorNo)

Enrollment(\*\*StudentNo, CourseNo\*\*, Grade)

**Exercise 7 – Patient Administration**

**0NF**

(VisitNo, VisitDate, PatNo, PatAge, PatCity,

ProvNo, ProvSpecialty, Diagnosis)

**1NF**

Visit(\*\*VisitNo\*\*, VisitDate, PatNo)

Patient(\*\*PatNo\*\*, Age, City)

Provider(\*\*ProvNo\*\*, Specialty)

VisitDiagnosis(\*\*VisitNo, ProvNo\*\*, Diagnosis)

**2NF / 3NF**

Visit(\*\*VisitNo\*\*, VisitDate, PatNo)

Patient(\*\*PatNo\*\*, Age, City)

Provider(\*\*ProvNo\*\*, Specialty)

VisitDiagnosis(\*\*VisitNo, ProvNo\*\*, Diagnosis)

**Exercise 8 – Dinner Club**

**0NF**

(MemberNo, Name, Address,

RG(DinnerNo, DinnerDate, VenueCode, VenueDescription,

RG(FoodCode, FoodDescription)))

**1NF**

Member(\*\*MemberNo\*\*, Name, Address)

Dinner(\*\*DinnerNo\*\*, Date, VenueCode)

Venue(\*\*VenueCode\*\*, Description)

Food(\*\*FoodCode\*\*, Description)

DinnerFood(\*\*DinnerNo, FoodCode\*\*)

Attendance(\*\*DinnerNo, MemberNo\*\*)

**2NF / 3NF**

Member(\*\*MemberNo\*\*, Name, Address)

Dinner(\*\*DinnerNo\*\*, Date, VenueCode)

Venue(\*\*VenueCode\*\*, Description)

Food(\*\*FoodCode\*\*, Description)

DinnerFood(\*\*DinnerNo, FoodCode\*\*)

Attendance(\*\*DinnerNo, MemberNo\*\*)

**Exercise 9 – Oldtimers**

**0NF**

(MemberID, Name, Address, MembershipStart, MembershipEnd,

RG(HonorarySince),

RG(Role, RoleStart, RoleEnd),

RG(CarBrand, CarModel, Year, PassengerCapacity,

RG(EventName, Category, Date, Location, Fee)))

**1NF**

Member(\*\*MemberID\*\*, Name, Address, MembershipStart, MembershipEnd)

Honorary(\*\*MemberID\*\*, HonorarySince)

Role(\*\*RoleID\*\*, MemberID, RoleName, RoleStart, RoleEnd)

Car(\*\*CarID\*\*, MemberID, Brand, Model, Year, PassengerCapacity)

Event(\*\*EventID\*\*, Name, Category, Date, Location, Fee)

Participation(\*\*CarID, EventID\*\*)

**2NF / 3NF**

Member(\*\*MemberID\*\*, Name, Address, MembershipStart, MembershipEnd)

Honorary(\*\*MemberID\*\*, HonorarySince)

Role(\*\*RoleID\*\*, MemberID, RoleName, RoleStart, RoleEnd)

Car(\*\*CarID\*\*, MemberID, Brand, Model, Year, PassengerCapacity)

Event(\*\*EventID\*\*, Name, Category, Date, Location, Fee)

Participation(\*\*CarID, EventID\*\*)

✅ Now you have **all 9 exercises** in the same **compact style**.

Do you want me to also make a **one-page cheat sheet** (just final 3NF tables for all 9, no intermediate steps) so you can quickly review before handing in?