**Practical Exercise : 4**

**Create the following tables with given constraints:**

**SET-1**

**Account** (ac\_no, ac\_name, act\_type)

**Transaction** (ac\_no, trans\_date, tran\_type, tran\_amount, balance)

**Constraints:**

1. Apply appropriate Primary key & foreign Key constraints to all the tables ✔
2. Act\_type may be ‘S’ for saving or ‘C’ for current ✔
3. Tran\_type may be ‘D’ for deposit or ‘W’ for withdrawal. ✔
4. Amount must be >0.✔

**SET-2**

**Programmer** (Pid, Pname, DOB, Email, Mobile, DOJ, Sex, Proficiency, Sal)

**Software** (Sid,Pid, title, dev\_in, scost, dcost, sold)

**Studies** (CourseID, CourseName, SPlace, ccost, Pid)

**Constraints::**

1. Apply appropriate Primary key & foreign Key constraints to all the tables ✔
2. Programmer must be 21 years old ❌
3. Email must be valid and unique✔
4. Mobile must be 10 digit and unique.✔
5. Sex either ‘M’ or ‘F’ ✔
6. Proficiency should be either Android, Java or Oracle ✔
7. Sal must be greater than 3000 and default salary is 5000 ✔
8. All type of cost must be greater than 0 ✔
9. Set default birthdate of programmer to ‘01/06/1998’.✔