**Assignment 2**

1. **Describe all types of joins in relational algebra are how they are represented?**
2. **Explain with examples all types of constraints in RDBMS.**
3. **Define functional dependency and its types.**
4. **Discuss reflexive, augmentation and transitivity rule of axioms.**
5. **How is foreign key different from primary key?**
6. **Student(sid,name,course)**

**Course(cid,sid,cname,cduration)**

**Write tuple relational calculus for above schema.**

1. **List name of student with id 101 or 102.**
2. **List details of all course with duration more than 3 years.**
3. **Display student name with coursed c1,c2 and having duration more than 2 years.**