**Activity 1.1 – Create a Database Example**

student(id int,name text,age int,branchid int);

branch(id int, branchname text,hodid int);

headofdepartment(id int,hodname text);

**Activity 1.2 – Add Keys**

student.branchid references branch.id

branch.hodid references headofdepartment.id

**Activity 1.3 – Domains**

Student(id (Int) , name (Text), age (Int), branch (Int))

branch(id (Int), branchname (Text), hodid (Int))

headofdepartment(id (Int), hodname(Text))

**Activity 2.0 – Check your database setup**

Rows returned from 1st query : 1

Rows returned from 2nd query :14

**Activity 2.1 – Insert some tuples….**

INSERT INTO authors

VALUES (23,’Clare Pooly’,49);

INSERT INTO authors

VALUES (99,’Min Jin Lee’,45);

INSERT INTO books

VALUES(15,’The Authenticity Project’, 384,’Romanace’,23,102);

INSERT INTO books

VALUES(84,’Pachinko’,512,’Romance’,99,86);

**Activity 2.2 – Let’s write some single-table query**

SELECT \* FROM book WHERE pagecount >400;

SELECT \* FROM author WHERE id=20;

**Activity 2.3 – Let’s write some Two-table query**

**SELECT b.title.p.name**

FROM books b,publishers p

WHERE b.pubid=p.id and p.name=’Viking’;

SELECT a.name,b.pagecount

FROM books b,authors a

WHERE b.authorid=a.id and b.pagecount>300;