3)Table Name : Student :

create table STUDENT ( reg\_no varchar2(6) primary key, student\_name varchar2(20), major varchar2(20),

birth\_date date );

Table Name : Course :

create table COURSE ( course\_no varchar2(6) primary key, course\_name varchar2(25),

Department varchar2(20) );

Table Name : Text :

create table TEXT ( book\_isbn varchar2(6) primary key, book\_title varchar2(25), publisher varchar2(20),

author varchar2(20) );

Table Name : Enroll :

create table ENROLL ( reg\_no references STUDENT(reg\_no), course\_no references COURSE(course\_no), semester varchar2(12),

marks numbener);

Table name : Book\_adoption create table BOOK\_ADOPTION ( course\_no references COURSE(course\_no), book\_isbn references TEXT(book\_isbn), semester varchar2(12) );

Insert the records in to the tables with the following codes :

To the table : Student

insert into student values ('STD001','Ashok','Engineering','12-feb-1990'

To the table : Course

insert into course values ('CU01','Computer Science Engg','CS Dept'

To the table : Text

insert into text values ('BK001','Computer Fundamentals','BPB publishers','Raghuram');

To the table : Enroll

insert into enroll values ('STD001','CU01','I Semester',850);

To the table : Book\_adoption

insert into book\_adoption values ('CU01','BK001','I Semester');

SQL1> select semester, student\_name,major,course\_name, department from course,student,enroll where enroll.reg\_no=student.reg\_no and enroll.course\_no=course.course\_no order by semester

SQL2> select course\_name, semester, student\_name

from course,student,enroll where enroll.reg\_no=student.reg\_no and enroll.course\_no=course.course\_no and department = 'CS Dept' order by semester

SQL3> select book\_title, course\_name,author, publisher, semester

from text, book\_adoption, course where book\_adoption.book\_isbn = text.book\_isbn and book\_adoption.course\_no = course.course\_no and course\_name='Computer Science Engg'

SQL4> select course\_name, count(course\_name) as noofstudents from enroll, course

Where enroll.course\_no=course.course\_no group by course\_name having count(course\_name) > 2

SQL5> select publisher, count(publisher) as noofbooks

from text group by publisher

having count(publisher) > 2;

SQL6> select author,book\_title,course\_name,semester from text,course,book\_adoption where book\_adoption.book\_isbn=text.book\_isbn and book\_adoption.course\_no=course.course\_no and course\_name='Computer Science Engg' and semester = 'I Semester'

SQL7> select reg\_no, student\_name, birth\_date, months\_between(sysdate,birth\_date) as noofmonths from student where months\_between(sysdate,birth\_date) > 225

SQL8 > select course\_name from course where course\_no in (

select course\_no from enroll group by course\_no having count(course\_no)>= ( select max(count(course\_no)) from enroll

group by course\_no) )