NAME OF EXPERIMENT	
5. Consi	der the following database of student envolment courses and books adopted each course.
COUF ENR TEXT	ENT (regno: string, name: string, major: string, bdate: date, string, ept: string) SE(course: int, cname: string, dept: string) OLL (# regno: string, course#: int, sem: int, marks; int) (book-Isbn: int, book-title: string, publisher: string, author: string) C-ADOPTTON (course#: int, sem: int, book-Isbn#: int)
-) C26	ate the above tables by properly specifying the hary keys and the foreign keys. ate table STUDENT(reg-no varchar(50) primary key,
—) Cxe	ane varchar(50), major varchar(50), bdate date); ate table COURSE(course int(10) porimary key, cname archar(50), dept varchar(50));
	eate table ENROLL (reg-no varchar (ro), foreign key (reg- eferences STUDENT (reg-no), course int(10), foreign key (cour references COURSE (course), sem int(10) perimary key, marks int(10));

NAME OF EXPERIMENT	PAGE No.
EXPERIMENT NO.	EXPERIMENT REBULT
-) creat	te table TEXT (book-ISBN int (10) porimary key, book title har (50), publisher varchar (50), author varchar (50);
t c	te table Book. ADOPTION (course int(10), foreign key burse) references COURSE (course), sem int(10), book. ISBN nt(10), toseign key (book. ISBN) references TEXT (book. ISBN) references TEXT (book. ISBN);
ii. Ent	er at least five tuples for each relation
insext insext insext insext	ENT st into STUDENT values ('2 tgo8csoo!, 'visiay', 'computers', '1986-01-5'); into STUDENT values ('2 tgo8csoo2', 'neeta', 'computers', '1986-02-5'); into STUDENT values ('2 tgo8csoo3', 'vinod', 'networking', '1986-03-15'); into STUDENT values ('2 tgo8csoo4', 'harish', 'networking', '1986-04-15'); t into STUDENT values ('2 tgo8soo5', 'ankit', 'electronics', '1986-10-15'); ect * from STUDENT;
insert inser inse	into Course Values(!, 'bca', 'cs'); into Course values(2, 'bcom', 'commerce'); t into Course values(3, 'be', 'cs'); ot into Course values(4, 'be', 'Ts'); et into Course values(5, 'bsc', 'cs'); ect * from Course;
	BAGMAR

DISPLAY TABLES

STUDENT

reg.no	name	major	bdate
2 t 908cs001	visay	Computers	1986-01-15
2 190805002	neeta	computers	1986-02-15
2490805003	vined	networking	1986-03-15
2 £90 82500L/	harish	networking	1986-04=15
2+9080005	ankit	electronic	1986-10-15

COURSE

course	chame	geby
9	bea	es
2	bom	Continence
31111	162	cs
Mary all A	62	Ic
5	lose	100

ENROLL

NAME OF EXPERIMEN	
3. EN	ROLL
11	ext into ENROLL values ('2+g08csod', 1, 2, 95);
inse	est into ENROLL value C'etgo8csooz', 2, 4, 85);
	sext into ENROLL values ('2 t go8 cs 003', 3, 5, 86);
ใกร	sext into ENROLL values ('2 tgo8 csoo4', 4, 7, 92)
in	sext into ENROLL values ('2 tg 0800005, 5, 6, 98);
	select * from ENROLL;
4. T	
	sext into TEXT values(III, 'C++', 'Peaxson', 'Pextrick');
	sext into TEXT values(222 'Java', 'tata', 'robext').
	sext into TEXT value (333, 'Unix', 'tata' 'lene');
11	sext into TEXT values (444, c', 'pearson', 'john');
in	sext into TEXT values (555, 'Szee', 'tata', 'james');
	Select & from TGAT:
5 000	A 000 0000 4
	in sext into Book ADOPTION values (1, 2, 111);
	insert into Book-ADOPTION values (2,7,444);
	insest into Book-ADOPTION values (3, 4, 222);
	insert into Book-ADOPTPON values (5, 6, 333).
	insest into Book-ADOPTION values (5, 2, 555);
	select * from Book-ADOPTION;
	1,000

ENROLL

78g.no	course	sem	marks
219084500)		2	ar
2 190805002	2	ч	85
2+ 908(5003	3	5	86
2 t 908 (5004	Ч	7	92
2tg 0805005	5	6	98

TEXT

book-CSBN	book-title	Ablisho	author
11.1	C++	Pearson	Pertrick
222	Java	tata	so bedt
333	unix	tata	lene
444	6	Pearson	sohn
555	Szec	tata	Sames

BOOK-ADOPTION

course	5000	book-Isen
1	2.	+11
2	-7	l ung
3	М,	2 82
5	\$ 1	9888
5	2	555

NAME OF EXPERIMENT	DATE PAGE No. EXPERIMENT RESULT
iii) Demonst	rate how you add a textbook to the database ake this book be adopted by some department.
-) insert	into TexT values (666, 'ada', 'tata', 'clenheniy');
-> insext	into Book-ADOPTTON values (5, 2,666);
	to folk tool with the series
Book A	list of textbooks (include Course#, Book-ISBN, itle) in the alphabetical order for courses by the cs department that use more than books.
b, TEXT c.dept = 'cs (select	course, t. book-ISBN, t.book-title from Book-ADOPTION t., COURSE c where c. course = b. course and s' and b. book-ISBN = t. book-ISBN and c. course in course from Book-ADOPTION group by course count(*)>=2) orderby t. book-title;

select & from TEXT

book-ISBN	book-tille	Publisher	author
111	C++	Pearson	Pertrick
2 22	Java	tata	robert
333	unix	tata	lene
444	0	Peasson	john
555	izee	tata	james
666	ada	tata	clenheig

Select * from Book-ADOPION

course	Sem	book-IsBn
t L	2	1111
2	7	444
3	4	222
5	6	983
5	2	555

(v)

Course	book-ISBN	book-title
5	655	ada
5	555	
5	223	(20c

	ENT DATE PAGE NoEXPERIMENT RESULT
V) [ist any depastment that has its adopted books published by a specific publisher.
	belect c-dept from course c, TEXT t, Book. ADOPTION b where t.publisher = "perasson" and c.course = b.course and b-book-ISBN = 2.book-ISBN;

dept cs commerce

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