Project



Database Systems

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TITLE: | IULibrary

```
create database lu_library;
    use lu_library;
Publisher_ID int ,
    publisher_name varchar (75) ,
    address varchar (100),
    primary key(Publisher_ID)
    );
• ⊝ create table Branches(
    branch id int ,
    branch_name varchar (75) ,
    college varchar (60),
    EID int ,
    primary key (branch_id)
    );
• ⊝ create table Books(
    ISBN int,
    Book_name varchar (100) ,
    author_name varchar(75) ,
    number_of_copies int ,
    Publisher_ID int ,
    branch_id int ,
    primary key (ISBN , Book_name ,number_of_copies),
    foreign key(Publisher_ID)references Publisher(Publisher_ID),
    foreign key(branch_id)references Branches(branch_id)
• 🔾 create table Employee (
    EID int ,
    eName varchar (75),
    eFamily varchar (75),
    JobTitle varchar (100) ,
    startDate date ,
    lastDate date ,
    edob date,
    ephone long ,
    city varchar(100),
    email varchar (80),
    branch_id int ,
    primary key(EID),
    foreign key(branch_id)references Branches(branch_id)
    );
• \ominus create table Students(
    Student_id int,
    first_name varchar(75),
    last_name varchar(75) ,
    sdob date,
    sphone long,
    address varchar(100) ,
    college varchar(60),
    department varchar(60),
    branch id int,
    primary key(Student_id),
    foreign key (branch_id)references Branches(branch_id)
    );
```

```
• ⊝ create table Borrow (
   BorrowD date,
   ReturnD date,
   Student_id int,
   ISBN int,
   EID int,
   primary key(BorrowD , EID , Student_id ,ISBN),
   foreign key(EID)references Employee(EID),
    foreign key(Student_id)references Students(Student_id),
   foreign key(ISBN)references Books(ISBN)
   );
 /*Insert data to Publisher table */
insert into Publisher values (200, 'Mohammed', 'Makkah');
 insert into Publisher values (201, 'Abdullah', 'Madina');
 insert into Publisher values (202, 'Gameel', 'Jeddah');
 insert into Publisher values (203, 'Saleem', 'Riyadh');
 insert into Publisher values (204, 'Khaled', 'Tabuk');
 insert into Publisher values (205, 'Hamada', 'Jazan');
 insert into Publisher values (206, 'Hateem', 'Skaka');
 insert into Publisher values (207, 'Kamal', 'Dammam');
 insert into Publisher values (208, 'Hammdee', 'Arar');
 insert into Publisher values (209, 'Amjad', 'Yanbu');
 insert into Publisher values (210, 'Walid', 'Yanbu');
 insert into Publisher values (211,'Saed ','Tabuk');
 insert into Publisher values (212, 'Seed', 'Skaka');
 insert into Publisher values (213,'Aman','Arar');
 insert into Publisher values (214, 'Ali', 'Abha');
 /*Insert data to Branches table */
 insert into Branches values (100, 'Systems and Judicial Studies Branch', 'Faculty of Systems and Judicial studies', 400);
 insert into Branches values (101, 'Computer Branch', 'Faculty of Computer and Information Systems', 402);
 insert into Branches values (102, 'Arabic Language Branch', 'Faculty of Arabic Language', 404);
 insert into Branches values (103, 'Engineering Branch', 'Faculty of engineering',406);
 insert into Branches values (104, 'Science Branch', 'Faculty of Science', 408);
 insert into Branches values (105,'Sharea Branch','Faculty of Sharea',410);
 insert into Branches values (106, 'Hadith Branch', 'Faculty of Hadith',412);
 insert into Branches values (107,'Quran Branch','Faculty of Quran',414);
 insert into Branches values (108,'Dawa Branch','Faculty of Dawa',415);
```

```
/*Insert data to Books table */
insert into Books values (1001, 'Fundamentals of Reinforced Concrete Design', 'Murari Lal Gambhir', '40', 204, 103);
insert into Books values (2002, 'Rada Almuhtar Aalaa Aldari Almukhtar', 'IbnAbdeen', '50', 210, 108);
insert into Books values (3003, 'Almisbah Almunir', 'SafiyAl-RahmanAl-Mubarakfuri', '30',202,102);
insert into Books values (4004, 'Halal and Haram in Islam', 'Yousif Al Qardawi', '50', 207, 105);
insert into Books values (5005, 'Principles of quantum mechanics', 'Paul Dirac', '40', 206, 104);
insert into Books values (6006, 'Operating system concepts', 'Avi Silberschatz', '10', 205, 101);
insert into Books values (7007, 'Explosives engineering', 'Paul W. Cooper', '70', 213, 103);
insert into Books values (8008, 'Alnahw Altatbiqiu', 'Khalid Abdul Aziz', '80', 205, 102);
insert into Books values (9009, 'Riyad AlSalehen', 'Abu Zakaria AlNooy', '10', 203, 106);
insert into Books values (1010, 'Siraj Almuluk', 'AbuBakr Al-Tartoushi', '50', 212, 100);
insert into Books values (1100, 'Almuqadamh Aljizria', 'IbnAl-Jazri', '50',209,102);
insert into Books values (1200, 'Fath Algadir', 'Mohammed Shawkani', '10', 206, 107);
insert into Books values (1300, 'Neal Alotar', 'Mohammed Shawkani', '50', 211, 106);
insert into Books values (1400, 'Concepts of physics', 'H.C. verma', '40', 202, 104);
insert into Books values (1500, 'Al-Aahkam Alsultania', 'Mawardi', '70', 201, 108);
insert into Books values (1600, 'Effective Java', 'Joshua Bloch', '20', 207, 101);
insert into Books values (1700, 'Learning SQL', ' Alan Beaulieu', '20', 210, 101);
insert into Books values (1800, 'Parallel Worlds', 'Michio Kaku', '60', 208, 104);
insert into Books values (1900, 'Alturuq Alhakmia', 'IbnQayyim', '20',203,100);
insert into Books values (2020, 'Tafser IbnQayyim', 'IbnQayyim', '80', 208, 107);
insert into Books values (2100, 'AlphiatIbnMalek', 'IbnMalek', '40', 209, 102);
insert into Books values (2200, 'Adab Alqadi', 'IbnAl-Qaase', '30', 201, 100);
insert into Books values (2300, 'Building Types', 'Joseph', '90', 204, 103);
insert into Books values (2400, 'Alkishaf', 'Zamakhshari', '10', 214, 107);
insert into Books values (2500, 'Almofeed', 'IbnSufi', '50', 200, 105);
```

```
/*Insert data to Employee table */
insert into Employee values (400, 'Rami', 'Mossa ', 'Secrater', '1995-09-03', '2008-01-01', '1975-09-11', '0564319712', 'makkah', 'mossa00100@gmail.com', 101);
insert into Employee values (401, 'Ahmed', 'Wael', 'Secrater', '1999-01-01', '2006-01-01', '1992-05-04', '0502311054', 'Madinah', 'Ahmed302010@gmail.com',102);
insert into Employee values (402, 'Fouad', 'Hezam', 'Secrater', '1996-01-05', '2003-01-01', '1966-03-30', '0550041512', 'dammam', 'fouch000@gmail.com', 103);
insert into Employee values (403, 'Majed', 'Gameel', 'Admin', '2008-11-09', '2009-01-01', '1986-01-25', '0556786856', 'Reyad ', 'Gamal5675@gmail.com', 105);
insert into Employee values (404, 'Mohammed', 'Gamal', 'Secrater', '2005-01-10', '2018-12-02', '1976-01-01', '0542384510', 'aljouf', 'Mama@gmail.com', 105);
insert into Employee values (405, 'Raslan', 'Razouq', 'Admin', '1992-02-04', '2013-01-01', '1940-11-01', '0502104023', 'Madinah', 'Rasla.1@gmail.com',101);
insert into Employee values (406, 'Maroan', 'Mohammed', 'Admin', '2012-08-20', '2017-01-01', '1955-05-28', '0506067111', 'Hayel', 'www.M1@gmail.com', 106);
insert into Employee values (407, 'Saeed', 'Othman', 'Admin', '1997-12-02', '2004-01-01', '1945-06-14', '0564973178', 'khobar', 'Othhto00@gmail.com', 100);
insert into Employee values (408, 'Sami', 'Ali', 'Secrater', '2000-10-07', '2017-01-01', '1950-06-22', '0555056244', 'Madinah', 'Sasmi1543@gmail.com', 104);
insert into Employee values (409, 'Omran', 'Omar', 'Admin', '2003-12-08', '2015-01-01', '1988-02-05', '0501146677', 'Skaka', 'Omran088888@gmail.com',104);
insert into Employee values (410, 'Jems', 'Jon', 'Secrater', '1997-09-05', '2012-01-01', '1951-09-15', '0506067433', 'yanbu', 'j1j2msm11@gmail.com', 101);
insert into Employee values (411, 'Walid', 'Karem', 'Admin', '2012-08-06', '2017-01-01', '1955-05-28', '0506132490', 'Jeddah', 'WM.m1425m@gmail.com', 106);
insert into Employee values (412, 'Fahed', 'Khalil', 'Secrater', '2010-05-09', '2017-01-01', '1997-01-05', '0500005488', 'Jeddah', 'F.123@gmail.com',107);
insert into Employee values (413, 'Ali', 'Ali', 'Secrater', '2010-08-15', '2017-01-01', '1955-05-28', '0535787413', 'Madinah', 'A.alagooz@gmail.com', 102);
insert into Employee values (414, 'Gamal', 'Karm', 'Secrater', '2000-10-01', '2017-01-01', '1960-05-10', '0555567865', 'Madinah', 'G.M.L@gmail.com', 108);
```

```
/*Insert data to Students table */
insert into Students values (300, 'Hesham', 'Hassan', '1999-09-11', '0566661760', 'Madagascar', 'Arabic Language College', 'Al-Adab and Albilaghuh', 102);
insert into Students values (301, 'Elsisi', 'dhoom', '1995-11-01', '0502344751', 'Brazil', 'Engeneering college', 'Chemical engineering (CE)', 103);
insert into Students values (302, 'Tamher', 'Hosny', '1998-08-29', '0566387546', 'Brazil', 'Computer College', 'Information Technology (IT)', 101);
insert into Students values (303, 'Nader', 'Omer', '1997-07-25', '0555305602', 'China', 'Engeneering college', 'Electrical engineering (EE)', 103);
insert into Students values (304, 'Salah', 'Ameen', '1998-02-11', '0558120517', 'Mali', 'Engeneering College', 'Mechanical engineering (ME)', 103);
insert into Students values (305, 'Domlo', 'Smeth', '1991-10-17', '054101412', 'Egypt', 'Arabic Language College', 'Al-Adab and Albilaghuh', 102);
insert into Students values (306, 'Mahmoud', 'Alsadeq', '1997-01-12', '0569740273', 'Libya', 'Computer College', 'Information Systems (IS)',101);
insert into Students values (307, 'Trump', 'Donllad', '1990-05-03', '0549279135', 'Germany', 'Computer College', 'Computer Sciences (CS)',101);
insert into Students values (308, 'Mounir', 'Eid', '1996-02-25', '0536291522', 'Syria', 'Computer College', 'Information Technology (IT)', 101);
insert into Students values (309, 'Sahiul', 'Aman', '1993-03-18', '0556428957', 'China', 'Computer College', 'Information Systems (IS)', 101);
insert into Students values (310, 'Barack', 'obama', '1992-11-01', '0599621948', 'Afghanistan', 'Dawa College', 'Islamic history', 108);
insert into Students values (311, 'Joane', 'macdour', '1992-01-16', '0509277724', 'France', 'Arabic Language College', 'Media', 102);
insert into Students values (312, 'Mohammed', 'Khalil', '1998-05-20', '0505320211', 'KSA', 'Hadith College', 'Hadith Sciences', 106);
insert into Students values (313, 'Mohammed', 'Hadee', '1998-12-25', '0505320200', 'KSA', 'Hadith College', 'Hadith Sciences', 106);
insert into Students values (314, 'Mohammed', 'Ali', '1998-05-21', '0505322224', 'KSA', 'Hadith College', 'Hadith Sciences', 106);
insert into Students values (315, 'Hmoody', 'Ezaat', '1995-02-04', '0564319799', 'Indonesia', 'Sharea College', 'Alfaqah', 105);
insert into Students values (316, 'Abdullah', 'Mohammed', '1995-01-09', '0502706661', 'USA', 'Sharea College', 'Alfaqah', 105);
insert into Students values (317, 'Mohammed', 'Ahmed', '1998-05-15', '0501320210', 'Egypt', 'Quran College', 'Altafsir', 107);
insert into Students values (318, 'Arshd', 'Ali', '1994-04-20', '0564319858', 'Indonesia', 'Quran College', 'Altafsir', 107);
insert into Students values (319, 'Fahed', 'Ahmed', '1998-11-17', '0505321430', 'KSA', 'Science College', 'chemistry', 104);
insert into Students values (320, 'Seed', 'Ahmed', '1998-01-11', '0505123444', 'KSA', 'Science College', 'chemistry', 104);
insert into Students values (321, 'Ryan', 'Tareiq', '1998-10-15', '0505321110', 'KSA', 'Science College', 'physics', 104);
insert into Students values (322, 'Ryan', 'Ahmed', '1990-12-04', '0514720210', 'Mali', 'Quran College', 'Altafsir', 107);
insert into Students values (323,'Ryan','Aslam','1998-01-04','0505320247','KSA','Quran College','Altafsir',107);
insert into Students values (324,'Walid','Ezaat','1998-05-18','0555550210','KSA','Science College','Maths',104);
/*Insert data to Borrow_by table */
 insert into Borrow values('2012-01-01','2012-01-30',300,3003,400);
insert into Borrow values('2010-02-02','2010-03-29',301,2300,402);
 insert into Borrow values('2011-03-03','2011-03-28',302,1700,406);
 insert into Borrow values('2012-04-04','2012-04-27',303,2300,404);
 insert into Borrow values('2013-05-05','2013-05-26',304,1001,408);
 insert into Borrow values('2014-06-06','2014-06-25',305,2100,410);
 insert into Borrow values('2015-07-07','2015-07-24',306,1600,412);
 insert into Borrow values('2016-08-08','2016-08-23',307,1600,414);
 insert into Borrow values('2017-09-09','2017-09-22',308,1700,401);
 insert into Borrow values('2018-10-10','2018-10-21',309,6006,403);
 insert into Borrow values('2018-11-11', '2019-01-30', 310, 2002, 405);
 insert into Borrow values('2017-12-12','2018-03-29',311,3003,407);
 insert into Borrow values('2016-12-01','2017-03-28',312,1300,409);
 insert into Borrow values('2017-04-05','2017-04-27',313,1300,411);
 insert into Borrow values('2016-12-07','2017-05-26',314,9009,413);
 insert into Borrow values('2015-11-19','2016-06-25',315,2500,402);
 insert into Borrow values('2015-11-20', '2016-07-24', 316, 4004, 403);
 insert into Borrow values('2010-11-14','2011-08-23',317,2020,402);
 insert into Borrow values('2014-11-21', '2015-09-22', 318, 2020, 403);
 insert into Borrow values('2010-10-16','2010-10-21',319,1400,403);
```

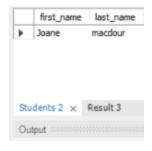
```
/*Queries 1 : Given a student_id, list all the books borrowed by that student. */
 select Student_id , Book_name from Borrow , Books where Borrow.ISBN = Books.ISBN;
 /*Queries 2 : Find the students whose names start with 'J', order by their firstName and lastName. */
 select first_name , last_name from Students where first_name like 'j%' order by first_name , last_name;
 /*Queries 3 : List number of books that are already in the system grouped by colleges. */
 select count(books.Branch_id) as 'Number of Books', college from Branches, books where Branches.Branch_id = books.Branch_id group by college;
 /*Queries 4 : Find all books which exists in the Computer Science School. */
 select Book_name from books , Branches where books.branch_id = branches.branch_id and college = 'Faculty of science';
) /*Queries 5 : List the name and specialty of all the employees who live in Madinah and worked or
- have been working for 1 year in this library. */
 select eid, ename , jobTitle, city, startDate ,lastDate from employee where timestampdiff(month , startDate , lastDate) >= '12' or city= 'Madinah';
 /*Queries 6 : Given a ISBN, compute the total number of borrows for that book in this library. */
 select book_name , count(borrow.ISBN) as 'Number of borrows' from books , borrow where books.ISBN = borrow.ISBN group by Book_name;
 /*Queries 7 : List all books which are borrowed in January. */
 SELECT book_name FROM borrow , books where borrow.isbn = books.isbn And month(borrow.BorrowD) = 1;
 /*Queries 8 : List all books which are returned to the library. */
 select count(returnD) as 'Return books' , isbn from borrow group by ISBN;
     /*Queries 9 : Find the top 5 borrowed books in the library. */
```

SELECT BOOKS.isbn , books.Book_name , count(borrow.isbn) as 'Top 5 borrowed books' from borrow , books where books.isbn = borrow.isbn group by borrow.isbn order by count(borrow.isbn) desc limit 5;

	Student_id	Book_name
١	300	Almisbah Almunir
	308	Learning SQL
	301	Building Types
	317	Tafser IbnQayyim
	315	Almofeed
	319	Concepts of physics
	318	Tafser IbnQayyim
	316	Halal and Haram in Islam
	309	Operating system concepts
	303	Building Types
	310	Rada Almuhtar Aalaa Alda
	302	Learning SQL
	311	Almisbah Almunir
	304	Fundamentals of Reinforc
	312	Neal Alotar
	305	AlphiatIbnMalek
	313	Neal Alotar
	306	Effective Java
	314	Riyad AlSalehen
	307	Effective Java

Result 1 × Students 2 Result 3 Result 4

Output :

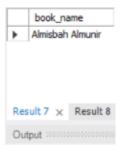


Number Books	of	college		
3	į.	Faculty of Systems	and Judicial st.	udies
3		Faculty of Compute	er and Informat	ion Systems
4	1	Faculty of Arabic La	anguage	
3	1	Faculty of engineer	ring	
3	1.0	Faculty of Science		
2		Faculty of Sharea		
2	4	Faculty of Hadith		
3	1	Faculty of Quran		
2		Faculty of Dawa		
sult 3 v	Result 4	emplovee 5	Result 6	Result 7
	Books 3 3 4 3 3 2 2 2 3 2	3 3 4 4 3 3 3 4 2 4 2 3 3 3 4 3 3 4 3 4	Books 3 Faculty of Systems 3 Faculty of Compute 4 Faculty of Arabic Li 3 Faculty of Science 5 Faculty of Sharea C Faculty of Hadith 6 Faculty of Quran C Faculty of Dawa	Books 3 Faculty of Systems and Judicial study 3 Faculty of Computer and Informat 4 Faculty of Arabic Language 3 Faculty of engineering 3 Faculty of Science 2 Faculty of Sharea 2 Faculty of Hadith 3 Faculty of Quran 2 Faculty of Dawa

	Book_na	ame	
٠	Concepts	s of physics	
	Parallel V	Vorlds	
	Principles	of quantum med	hanics
Re	sult 4 ×	employee 5	Result 6

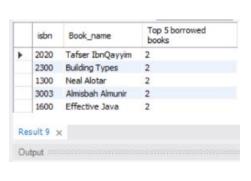
	eid	ename	jobTitle	city	startDate	lastDate
٠	400	Rami	Secrater	makkah	1995-09-03	2008-01-01
	401	Ahmed	Secrater	Madinah	1999-01-01	2006-01-01
	402	Fouad	Secrater	dammam	1996-01-05	2003-01-01
	404	Mohammed	Secrater	aljouf	2005-01-10	2018-12-02
	405	Rasian	Admin	Madinah	1992-02-04	2013-01-01
	406	Maroan	Admin	Hayel	2012-08-20	2017-01-01
	407	Saeed	Admin	khobar	1997-12-02	2004-01-01
	408	Sami	Secrater	Madinah	2000-10-07	2017-01-01
	409	Omran	Admin	Skaka	2003-12-08	2015-01-01
	410	Jems	Secrater	yanbu	1997-09-05	2012-01-01
	411	Walid	Admin	Jeddah	2012-08-06	2017-01-01
	412	Fahed	Secrater	Jeddah	2010-05-09	2017-01-01
	413	Ali	Secrater	Madinah	2010-08-15	2017-01-01
	414	Gamal	Secrater	Madinah	2000-10-01	2017-01-01

	book_name	Number of borrows
•	Almisbah Almunir	2
	Learning SQL	2
	Building Types	2
	Tafser IbnQayyim	2
	Almofeed	1
	Concepts of physics	1
	Halal and Haram in Islam	1
	Operating system concepts	1
	Rada Almuhtar Aalaa Aldari Almukhtar	1
	Fundamentals of Reinforced Concrete Design	1
	Neal Alotar	2
	AlphiatIbnMalek	1
	Effective Java	2
	Riyad AlSalehen	1
Re	sult 6 × Result 7 Result 8 Result	9
Ou	tput	



Output

	Return books	isbn
	1	1001
	2	1300
	1	1400
	2	1600
	2	1700
	1	2002
	2	2020
	1	2100
	2	2300
	1	2500
	2	3003
	1	4004
	1	6006
	1	9009
Re	sult 8 × R	esult 9



	Publisher_ID	publisher_name	address
١	200	Mohammed	Makkah
	201	Abdullah	Madina
	202	Gameel	Jeddah
	203	Saleem	Riyadh
	204	Khaled	Tabuk
	205	Hamada	Jazan
	206	Hateem	Skaka
	207	Kamal	Dammam
	208	Hammdee	Arar
	209	Amjad	Yanbu
	210	Walid	Yanbu
	211	Saed	Tabuk
	212	Seed	Skaka
	213	Aman	Arar
	214	Ali	Abha
	NULL	NULL	NULL

	branch_id	branch_name	college	EID
•	100	Systems and Judicial Studies Branch	Faculty of Systems and Judicial studies	400
	101	Computer Branch	Faculty of Computer and Information Systems	402
	102	Arabic Language Branch	Faculty of Arabic Language	404
	103	Engineering Branch	Faculty of engineering	406
	104	Science Branch	Faculty of Science	408
	105	Sharea Branch	Faculty of Sharea	410
	106	Hadith Branch	Faculty of Hadith	412
	107	Quran Branch	Faculty of Quran	414
	108	Dawa Branch	Faculty of Dawa	415
	NULL	NULL	NULL	NULL

	ISBN	Book_name	author_name	number_of_copies	Publisher_ID	branch_id
•	1001	Fundamentals of Reinforced Concrete Design	Murari Lal Gambhir	40	204	103
	1010	Siraj Almuluk	AbuBakr Al-Tartoushi	50	212	100
	1100	Almuqadamh Aljizria	IbnAl-Jazri	50	209	102
	1200	Fath Algadir	Mohammed Shawkani	10	206	107
	1300	Neal Alotar	Mohammed Shawkani	50	211	106
	1400	Concepts of physics	H.C.verma	40	202	104
	1500	Al-Aahkam Alsultania	Mawardi	70	201	108
	1600	Effective Java	Joshua Bloch	20	207	101
	1700	Learning SQL	Alan Beaulieu	20	210	101
	1800	Parallel Worlds	Michio Kaku	60	208	104
	1900	Alturug Alhakmia	IbnQayyim	20	203	100
	2002	Rada Almuhtar Aalaa Aldari Almukhtar	IbnAbdeen	50	210	108
	2020	Tafser IbnQayyim	IbnQayyim	80	208	107
	2100	AlphiatIbnMalek	IbnMalek	40	209	102
	2200	Adab Alqadi	IbnAl-Qaase	30	201	100
	2300	Building Types	Joseph	90	204	103
	2400	Alkishaf	Zamakhshari	10	214	107
	2500	Almofeed	IbnSufi	50	200	105
	3003	Almisbah Almunir	SafiyAl-RahmanAl	30	202	102
	4004	Halal and Haram in Islam	Yousif Al Qardawi	50	207	105
	5005	Principles of quantum mechanics	Paul Dirac	40	206	104
	6006	Operating system concepts	Avi Silberschatz	10	205	101
	7007	Explosives engineering	Paul W.Cooper	70	213	103
	8008	Alnahw Altatbigiu	Khalid Abdul Aziz	80	205	102
	9009	Riyad AlSalehen	Abu Zakaria AlNooy	10	203	106
	NULL	NULL	NULL	NULL	NULL	NULL

	EID	eName	eFamily	JobTitle	startDate	lastDate	edob	ephone	city	email	branch_id
•	400	Rami	Mossa	Secrater	1995-09-03	2008-01-01	1975-09-11	0564319712	makkah	mossa00100@gmail.com	101
	401	Ahmed	Wael	Secrater	1999-01-01	2006-01-01	1992-05-04	0502311054	Madinah	Ahmed302010@gmail.com	102
	402	Fouad	Hezam	Secrater	1996-01-05	2003-01-01	1966-03-30	0550041512	dammam	fouch000@gmail.com	103
	403	Majed	Gameel	Admin	2008-11-09	2009-01-01	1986-01-25	0556786856	Reyad	Gamal5675@gmail.com	105
	404	Mohammed	Gamal	Secrater	2005-01-10	2018-12-02	1976-01-01	0542384510	aljouf	Mama@gmail.com	105
	405	Raslan	Razouq	Admin	1992-02-04	2013-01-01	1940-11-01	0502104023	Madinah	Rasla.1@gmail.com	101
	406	Maroan	Mohammed	Admin	2012-08-20	2017-01-01	1955-05-28	0506067111	Hayel	www.M1@gmail.com	106
	407	Saeed	Othman	Admin	1997-12-02	2004-01-01	1945-06-14	0564973178	khobar	Othhto00@gmail.com	100
	408	Sami	Ali	Secrater	2000-10-07	2017-01-01	1950-06-22	0555056244	Madinah	Sasmi1543@gmail.com	104
	409	Omran	Omar	Admin	2003-12-08	2015-01-01	1988-02-05	0501146677	Skaka	Omran08888@gmail.com	104
	410	Jems	Jon	Secrater	1997-09-05	2012-01-01	1951-09-15	0506067433	yanbu	j1j2msm11@gmail.com	101
	411	Walid	Karem	Admin	2012-08-06	2017-01-01	1955-05-28	0506132490	Jeddah	WM.m1425m@gmail.com	106
	412	Fahed	Khalil	Secrater	2010-05-09	2017-01-01	1997-01-05	0500005488	Jeddah	F.123@gmail.com	107
	413	Ali	Ali	Secrater	2010-08-15	2017-01-01	1955-05-28	0535787413	Madinah	A.alagooz@gmail.com	102
	414	Gamal	Karm	Secrater	2000-10-01	2017-01-01	1960-05-10	0555567865	Madinah	G.M.L@gmail.com	108
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Student_id	first_name	last_name	sdob	sphone	address	college	department	branch_id
300	Hesham	Hassan	1999-09-11	0566661760	Madagascar	Arabic Language College	Al-Adab and Albilaghuh	102
301	Elsisi	dhoom	1995-11-01	0502344751	Brazil	Engeneering college	Chemical engineering (CE)	103
302	Tamher	Hosny	1998-08-29	0566387546	Brazil	Computer College	Information Technology (IT)	101
303	Nader	Omer	1997-07-25	0555305602	China	Engeneering college	Electrical engineering (EE)	103
304	Salah	Ameen	1998-02-11	0558120517	Mali	Engeneering College	Mechanical engineering (ME)	103
305	Domlo	Smeth	1991-10-17	054101412	Egypt	Arabic Language College	Al-Adab and Albilaghuh	102
306	Mahmoud	Alsadeq	1997-01-12	0569740273	Libya	Computer College	Information Systems (IS)	101
307	Trump	Donllad	1990-05-03	0549279135	Germany	Computer College	Computer Sciences (CS)	101
308	Mounir	Eid	1996-02-25	0536291522	Syria	Computer College	Information Technology (IT)	101
309	Sahiul	Aman	1993-03-18	0556428957	China	Computer College	Information Systems (IS)	101
310	Barack	obama	1992-11-01	0599621948	Afghanistan	Dawa College	Islamic history	108
311	Joane	macdour	1992-01-16	0509277724	France	Arabic Language College	Media	102
312	Mohammed	Khalil	1998-05-20	0505320211	KSA	Hadith College	Hadith Sciences	106
313	Mohammed	Hadee	1998-12-25	0505320200	KSA	Hadith College	Hadith Sciences	106
314	Mohammed	Ali	1998-05-21	0505322224	KSA	Hadith College	Hadith Sciences	106
315	Hmoody	Ezaat	1995-02-04	0564319799	Indonesia	Sharea College	Alfaqah	105
316	Abdullah	Mohammed	1995-01-09	0502706661	USA	Sharea College	Alfaqah	105
317	Mohammed	Ahmed	1998-05-15	0501320210	Egypt	Quran College	Altafsir	107
318	Arshd	Ali	1994-04-20	0564319858	Indonesia	Quran College	Altafsir	107
319	Fahed	Ahmed	1998-11-17	0505321430	KSA	Science College	chemistry	104
320	Seed	Ahmed	1998-01-11	0505123444	KSA	Science College	chemistry	104
321	Ryan	Tareiq	1998-10-15	0505321110	KSA	Science College	physics	104
322	Ryan	Ahmed	1990-12-04	0514720210	Mali	Quran College	Altafsir	107
323	Ryan	Aslam	1998-01-04	0505320247	KSA	Quran College	Altafsir	107
324	Walid	Ezaat	1998-05-18	0555550210	KSA	Science College	Maths	104
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

	BorrowD	ReturnD	Student_id	ISBN	EID
•	2010-02-02	2010-03-29	301	2300	402
	2010-10-16	2010-10-21	319	1400	403
	2010-11-14	2011-08-23	317	2020	402
	2011-03-03	2011-03-28	302	1700	406
	2012-01-01	2012-01-30	300	3003	400
	2012-04-04	2012-04-27	303	2300	404
	2013-05-05	2013-05-26	304	1001	408
	2014-06-06	2014-06-25	305	2100	410
	2014-11-21	2015-09-22	318	2020	403
	2015-07-07	2015-07-24	306	1600	412
	2015-11-19	2016-06-25	315	2500	402
	2015-11-20	2016-07-24	316	4004	403
	2016-08-08	2016-08-23	307	1600	414
	2016-12-01	2017-03-28	312	1300	409
	2016-12-07	2017-05-26	314	9009	413
	2017-04-05	2017-04-27	313	1300	411
	2017-09-09	2017-09-22	308	1700	401
	2017-12-12	2018-03-29	311	3003	407
	2018-10-10	2018-10-21	309	6006	403
	2018-11-11	2019-01-30	310	2002	405
	NULL	NULL	NULL	NULL	HULL

