CAP:570 Advanced Database technique
SECTION –D2422(G2)
CA:3

SCHOOL MANAGEMENT SYSTEM

Submitted To
AASTHA SHARMA

Submitted BY
Komal Mehra(12407253)
DibyashritaRout
(12418341)

Introduction

A **School Management System** (SMS) typically revolves around key entities like students, courses, and departments to manage academic and administrative tasks efficiently.

The **Students** table stores essential details such as personal information, enrollment dates, and contact details of all students.

The **Courses** table tracks various subjects offered by the school, including course descriptions and the assigned instructors.

The **Departments** table organizes courses under specific academic divisions, such as Science, Arts, or Mathematics, and links faculty members to their respective departments. Together, these tables form the core structure that allows administrators to manage enrollments, assign teachers, and monitor student performance across different academic areas.

DATA COLLECTION WITH THE HELP OF GOOGLE FORM

https://forms.gle/6aVBuxU9gh96TqpG8

Content of google form

Phone Number *

Short answer text

Email Address *

Short answer text

Date Of Birth *

Month, day, year

Your age

Your age

- [ ] Below 18

- [ ] 18 - 30

- [ ] Above 30

Please select the department that you are interested in: *

1. D0010-Arts

2. D0020-Commerce

3. D0030-Science

4. D0040-Electrical and computer engineering

5. D0050-Others

Please select the course you are interested in: *

1. C001 -Algebra

2. C002- Physics

3. C003-English Literature

4. C004-Chemistry

5. C005-Computer science

6. C007-Art history

7. C008-Others

Spread Sheet of the Database

School Management System (Responses)

File   Edit   View   Insert   Format   Data   Tools   Extensions   Help

A1   fx   Timestamp

	A	B	C	D	E	F	G	H
	Form_Responses1 ∨							
1	Timestamp	Full Name	Gender	Phone Number	Email Address	Date Of Birth	Your age	Please select the department that you are
2	10/15/2024 23:08:07	Dibyashrita Rout	Female	9827660758	routdibyashree44@gma	12/27/2003	18 - 30	D0050-Others
3	10/15/2024 23:08:20	Rajeswari	Female	8970250919	Rajeswari92325@gmail.	9/25/2006	18 - 30	D0050-Others
4	10/15/2024 23:16:14	Armaan	Female	9872276892	armaanb379@gmail.cor	8/7/2006	18 - 30	D0030-Science
5	10/15/2024 23:22:02	Ande Shravya	Female	6300371627	andeshravya16@gmail.c	8/16/2003	18 - 30	D0020-Commerce
6	10/15/2024 23:25:44	Pranjal	Female	7080657283	pranjalsoni0921@gmail.	1/24/2007	Below 18	D0040-Electrical and computer engineerir
7	10/15/2024 23:50:45	Vandana Das	Female	8815838853	dasvandana622@gmail.	6/22/2003	18 - 30	D0030-Science
8	10/16/2024 0:07:48	Premanand. Kollu	Male	9392970524	Kollupremanand@gmail	11/29/2006	Below 18	D0010-Arts
9	10/16/2024 0:22:06	Sunil Samantaray	Male	9078027617	sunilsamantray27@gma	7/27/2003	18 - 30	D0030-Science
10	10/16/2024 0:22:28	Subham Kumar Padhi	Male	7008148714	subhampadhi7504@gm	3/8/2002	18 - 30	D0040-Electrical and computer engineerir
11	10/16/2024 0:30:30	Ashutosh mohanty	Male	9062882729	sunilsamantray27@gma	7/22/2000	18 - 30	D0030-Science
12	10/16/2024 0:33:29	Sashmita swain	Female	8914514517	sashmitaswain2003@gr	6/17/2003	18 - 30	D0050-Others
13	10/16/2024 9:46:17	Sai venkat	Male	8978275798	saivenkat.j2005@gmail.	9/23/2005	18 - 30	D0050-Others

+   ≡   Form Responses 1 ∨

School Management System (Responses)

Left view — Form_Responses1

	Timestamp	Full Name	Gender	Phone Number	Email Address	Date Of Birth	Your age	Please select the department that you are
25	10/17/2024 20:39:56	Debansu Sekhar Rout	Male	7735120972	debansusekharrout@gm	1/11/2003	18 - 30	D0030-Science
26	10/17/2024 20:58:56	Abhisek nanda	Male	9777604404	abhisekn738@gmail.con	9/8/2000	18 - 30	D0030-Science
27	10/17/2024 21:02:03	Arif Rawal	Male	7876359491	arifrawal17@gmail.com	9/29/2003	18 - 30	D0040-Electrical and computer engineeri
28	10/17/2024 21:09:28	Simran	Female	9430467599	simrankumari200502@g	5/20/2002	18 - 30	D0020-Commerce
29	10/17/2024 21:10:26	Heemal	Female	8941866875	gangwartashu@gmail.c	8/1/2006	18 - 30	D0040-Electrical and computer engineeri
30	10/17/2024 21:10:36	Charu Gupta	Female	7023161469	charugupta881@gmail.c	1/8/2006	18 - 30	D0050-Others
31	10/17/2024 21:12:47	Muskan	Female	9050115191	muskan11a4971@gmai	1/17/2005	18 - 30	D0040-Electrical and computer engineeri
32	10/17/2024 21:13:26	Manaswi	Female	9346202613	manaswireddykummeth	12/1/2007	Below 18	D0050-Others
33	10/17/2024 21:14:52	Pratiksha Deka	Female	9387123071	Ka	7/10/2021	Below 18	D0010-Arts
34	10/17/2024 21:17:09	Putul Rani Pramanik	Female	9942630238	Putulpramanik116@gma	3/12/0006	18 - 30	D0040-Electrical and computer engineeri
35	10/17/2024 21:17:09	Sakshi Pandey	Female	7761020696	sakshi1203pandey@gm	9/13/2006	18 - 30	D0040-Electrical and computer engineeri
36	10/17/2024 21:18:36	Piyush jain	Male	7701949526	piyushjain887150@gma	1/17/2025	18 - 30	D0040-Electrical and computer engineeri

Right view — Form_Responses1

	Timestamp	Full Name	Gender	Phone Number	Email Address	Date Of Birth	Your age	Please select the department that you are
13	10/16/2024 9:46:17	Sai venkat	Male	0970270790	saivenkat.j2006@gmail.	9/28/2006	18 - 30	D0050-Others
14	10/16/2024 9:52:19	Chetti shiva krishna	Male	7013791630	chettishivakrishna@gma	10/15/2006	18 - 30	D0050-Others
15	10/16/2024 12:05:16	Muskan	Female	9518265600	muskandhillon544@gma	3/29/2006	18 - 30	D0030-Science
16	10/16/2024 14:04:19	Midhat feroz	Female	9541273739	Midhatferoz@gmail.com	4/4/0004	18 - 30	D0030-Science
17	10/16/2024 16:02:05	Ramya Sri	Female	9701941188	shamelatiramyasri@gma	3/18/1997	18 - 30	D0050-Others
18	10/16/2024 23:20:07	Harshita Bansal	Female	7357368845	bansalharshita72@gma	9/14/2024	18 - 30	D0030-Science
19	10/17/2024 20:06:19	Siddhartha Sankar rout	Male	7609970406	siddhartharout11@gmai	1/17/2004	18 - 30	D0040-Electrical and computer engineeri
20	10/17/2024 20:06:32	keshab ojha	Male	7894293715	Luckyyaisha02@gmail.c	4/2/2004	18 - 30	D0040-Electrical and computer engineeri
21	10/17/2024 20:09:33	Tarun Mehra	Male	7014237056	tmehra147@gmail.com	10/14/2002	18 - 30	D0030-Science
22	10/17/2024 20:10:35	Rashmi ranjan nayak	Male	8455871297	rashminayakranjan99@	10/25/2003	18 - 30	D0050-Others
23	10/17/2024 20:12:01	Subhasish Pradhan	Male	7008336818	subhasishpradhan49@g	2/16/2005	18 - 30	D0040-Electrical and computer engineeri
24	10/17/2024 20:20:59	A B AYUSH KUMAR	Male	7978193873	Kumarayush1558@gma	12/24/2003	18 - 30	D0030-Science

School Management System (Responses)

File Edit View Insert Format Data Tools Extensions Help

A1 | Timestamp

	A	B	C	D	E	F	G	H
Form_Responses1								
1	Timestamp	Full Name	Gender	Phone Number	Email Address	Date Of Birth	Your age	Please select the department that you are
37	10/17/2024 21:18:48	Vishal Tiwari	Male	7381420938	Vishaltiwari1666@gmail	7/3/2003	18 - 30	D0040-Electrical and computer engineerin
38	10/17/2024 21:20:09	Deeksha Mishra	Female	9835362921	deekshamishra740@gm	8/15/2006	18 - 30, Above 30	D0020-Commerce
39	10/17/2024 21:34:00	Komal mehra	Female	8450863428	Komalmehra1810@gma	10/18/2003	18 - 30	D0030-Science
40	10/17/2024 21:34:18	Santosini Sahoo	Female	8328884809	hapihapi410@gmail.con	12/11/2003	18 - 30	D0030-Science
41	10/17/2024 21:40:31	PATLOLLA SUSHMITHA	Female	9398690233	Patlollasushmitha	1/26/2005	Below 18	D0040-Electrical and computer engineerin
42	10/17/2024 21:40:40	Omprakash sahoo	Male	8260546743	Ompraksh578@gmail.co	3/3/2004	18 - 30	D0030-Science
43	10/17/2024 21:42:25	Manikant Mani	Male	7992282575	manikantsingh1401200:	1/14/2004	18 - 30	D0040-Electrical and computer engineerin
44	10/17/2024 21:44:28	Khushi	Female	7668957564	khushi123@gmail.com	10/17/2004	18 - 30	D0040-Electrical and computer engineerin
45	10/17/2024 21:44:51	Akash raj	Male	8285674490	akashraj25@gmail.com	9/25/2003	18 - 30	D0010-Arts
46	10/17/2024 21:46:01	Aditi kumari	Female	6202329907	Aditi06390@gmail.com	11/7/2003	18 - 30	D0040-Electrical and computer engineerin
47	10/17/2024 21:46:57	M.venkata siva sai	Male	8639133097	sivasaimylavarapu11@g	10/17/2024	Below 18	D0050-Others
48	10/17/2024 21:47:29	Ratibha P Ratheesh	Female	9718436346	ratibhapratheesh@gmai	10/2/2006	18 - 30	D0040-Electrical and computer engineerin

+ ☰ 📋 Form Responses 1 ⌄

School Management System (Responses) ☆ 🗂 ☁

File   Edit   View   Insert   Format   Data   Tools   Extensions   Help

A1 | Timestamp

Form_Responses1 ⌄ 🧮

	A	B	C	D	E	F	G	H
	Timestamp ⌄	**Full Name** ⌄	**Gender** ⌄	**Phone Number** ⌄	**Email Address** ⌄	**Date Of Birth** ⌄	**Your age** ⌄	**Please select the department that you are**
49	10/17/2024 21:47:52	Chhavi Saini	Female	7082690870	sainichhavi68@gmail.cc	9/16/2002	18 - 30	D0020-Commerce
50	10/17/2024 21:48:01	Sudhamrita	Female	9875333525	sudhamritadey1709@gr	9/17/2005	18 - 30	D0040-Electrical and computer engineerir
51	10/17/2024 21:48:21	Alka	Female	9773763508	alkachaudhary1512@gn	10/20/1999	18 - 30	D0020-Commerce
52	10/17/2024 21:48:31	Akansha	Female	9416715426	lpuchhavisaini@gmail.cc	10/15/2001	Below 18	D0030-Science
53	10/17/2024 21:48:35	Riya verma	Female	8168311676	riyavermakhushi@gmail	4/21/2005	18 - 30	D0040-Electrical and computer engineerir
54	10/17/2024 21:49:37	Parul Rana	Female	9914334425	parulrana1355@gmail.c	5/13/2005	18 - 30	D0040-Electrical and computer engineerir
55	10/17/2024 21:50:12	Tulip winget	Female	8697070118	Oceanictulips@gmail.cc	12/13/2001	18 - 30	D0020-Commerce
56	10/17/2024 21:50:21	Ashwini	Female	779742258₹	LPU	9/5/2003	18 - 30	D0050-Others
57	10/17/2024 21:52:44	Ashish Desher	Male	9301281319	Ashishdesher521@gma	11/28/1998	18 - 30	D0020-Commerce
58	10/17/2024 21:53:43	Priyanka Hz	Female	9395637808	priyankahazarika825@g	4/27/2005	18 - 30	D0050-Others
59	10/17/2024 21:53:48	Rishu rani	Female	8789577071	Ranirishu701@gmail.co	5/6/2007	Below 18	D0040-Electrical and computer engineerir
60	10/17/2024 21:54:02	V	Female	0826286225	venshike67@gmail.com	7/14/2006	18 - 30	D0030-Science
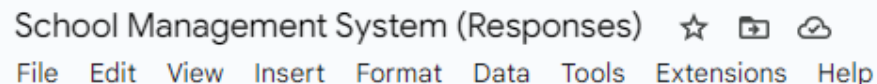
+ ≡ 📋 Form Responses 1 ⌄

School Management System (Responses)

File Edit View Insert Format Data Tools Extensions Help

A1 | Timestamp

	A	B	C	D	E	F	G	H
	Timestamp	**Full Name**	**Gender**	**Phone Number**	**Email Address**	**Date Of Birth**	**Your age**	**Please select the department that you are**
60	10/17/2024 21:54:03	V	Female	9826286235	vanshika67@gmail.com	7/14/2006	18 - 30	D0030-Science
61	10/17/2024 21:54:21	Shraddha Suyal	Female	9234478903	suyalshraddha@gmail.c	10/8/2006	18 - 30	D0040-Electrical and computer engineerir
62	10/17/2024 21:54:21	Simran Choubey	Female	8889266892	simranchoubey12@gma	6/21/2005	18 - 30	D0040-Electrical and computer engineerir
63	10/17/2024 21:54:31	Kk	Female	728819191003	abc@gamil.com	10/17/2024	18 - 30	D0010-Arts
64	10/17/2024 21:54:48	Shruti joshi	Female	9456104714	shrutijoshi1209@gmail.	9/12/2006	18 - 30	D0010-Arts
65	10/17/2024 21:55:32	Dhvani Yadav	Female	8091461553	dhvaniyadav10@gmail.c	10/10/2005	18 - 30	D0040-Electrical and computer engineerir
66	10/17/2024 21:55:39	Manisha	Female	62054013121	chaudharyananya378@c	11/17/2005	18 - 30	D0040-Electrical and computer engineerir
67	10/17/2024 21:55:47	Yashika sharma	Female	9084141468	yashikasharma.rs456@c	4/4/2006	18 - 30	D0030-Science
68	10/17/2024 21:56:22	Priyanka Singh	Female	8269132767	priyankasingh27671@gr	9/6/2003	18 - 30	D0010-Arts
69	10/17/2024 21:56:40	Pawandeep Kaur	Female	9779673256	Jagtarsinghkharoud4@c	9/17/2006	18 - 30	D0040-Electrical and computer engineerir
70	10/17/2024 21:57:18	Mekhala Halder	Female	9547344895	haldermekhala@gmail.c	6/8/2005	18 - 30	D0010-Arts
71	10/17/2024 21:58:02	Pahar Dwivedi	Female	8115380255	pahardwivedi9@gmail.c	10/12/2006	18 - 30	D0040-Electrical and computer engineerir

Form_Responses1

Form Responses 1

A1 | fx | Timestamp

	A	B	C	D	E	F	G	H
	Timestamp	**Full Name**	**Gender**	**Phone Number**	**Email Address**	**Date Of Birth**	**Your age**	**Please select the department that you are**
72	10/17/2024 21:58:29	Ishita	Female	7409550249	ishitag722@gmail.com	2/28/2002	18 - 30	D0020-Commerce
73	10/17/2024 21:58:32	Ashwini Patil	Female	7999212135	ap8933823@gmail.com	10/5/2005	18 - 30	D0030-Science
74	10/17/2024 21:58:38	Varsha verma	Female	7549181822	varshahpo2005@gmail.	10/11/2005	18 - 30	D0030-Science
75	10/17/2024 21:59:07	Harsha Santhosh	Female	6238405336	harshasanthoshmadure	11/24/2005	18 - 30	D0040-Electrical and computer engineerir
76	10/17/2024 21:59:23	Grace P Roy	Female	7510512309	graceroy@gmail.com	10/3/2006	18 - 30	D0040-Electrical and computer engineerir
77	10/17/2024 22:00:12	Vanshika Tyagi	Female	9553272361	vanshika0917@gmail.cc	9/17/2006	18 - 30	D0050-Others
78	10/17/2024 22:00:46	Sneha pallavi	Female	7800561428	snehapallavi125@gmail	10/14/1999	18 - 30	D0020-Commerce
79	10/17/2024 22:01:08	Hari chandana	Female	6305986303	harireddyputta28@gmai	2/28/2007	Below 18	D0050-Others
80	10/17/2024 22:01:33	Shiwangi Prajapati	Female	7007410796	shiwangiprajapati92@gr	6/12/2006	18 - 30	D0050-Others
81	10/17/2024 22:01:36	Arpita	Female	9430047717	arpitahpo@gmail.com	10/28/2007	Below 18	D0040-Electrical and computer engineerir
82	10/17/2024 22:02:02	Mona Rohilla	Female	8103238206	monarohila261@gmail.c	3/4/2005	18 - 30	D0030-Science

Form Responses 1

School Management System (Responses)

File Edit View Insert Format Data Tools Extensions Help

A1 | Timestamp

	Timestamp	Full Name	Gender	Phone Number	Email Address	Date Of Birth	Your age	Please select the department that you are
83	10/17/2024 22:02:28	Aadrita Maddheshiya	Female	9673456231	aadrita19800@gmail.co	10/19/2002	18 - 30	D0030-Science
84	10/17/2024 22:03:55	Bhumika kadam	Female	7909520697	bhumikadam80@gmail.	10/6/2000	18 - 30	D0030-Science
85	10/17/2024 22:04:22	Navnoor Kaur	Female	8398883191	Navnoorkaur05@gmail.	8/15/2005	18 - 30	D0050-Others
86	10/17/2024 22:04:51	Payal	Male	3456789231	payal.sengar2024@lpu.	10/17/2024	18 - 30	D0020-Commerce
87	10/17/2024 22:05:08	Madhusri	Female	8328162405	gayammadhusri19@gm	7/2/2006	18 - 30	D0040-Electrical and computer engineerir
88	10/17/2024 22:05:31	Harshita shetty	Female	9106355233	Kashi@gmail.com	10/11/2005	Below 18	D0040-Electrical and computer engineerir
89	10/17/2024 22:05:47	Neelam	Female	8103002800	rajeshneelam56@gmail.	7/15/2005	18 - 30	D0050-Others
90	10/17/2024 22:06:21	Vandana Kumari	Female	8873797917	vandanapriyadarshi222:	2/14/2004	18 - 30	D0030-Science
91	10/17/2024 22:06:27	Kirti Siddhu	Female	9368361638	kirtisiddhu03@gmail.col	4/8/2005	18 - 30	D0030-Science
92	10/17/2024 22:06:59	Geeta	Female	6267255071	geetamanikpuri29@gma	7/6/1999	18 - 30	D0030-Science
93	10/17/2024 22:07:02	Kanak Sao	Female	9302264639	ksao180205@gmail.con	2/18/2005	18 - 30	D0040-Electrical and computer engineerir
94	10/17/2024 22:07:26	Rimi	Female	8172464010	rim123@gmail.com	6/2/2006	18 - 30	D0030-Science

Form Responses 1

School Management System (Responses) ⭐

File Edit View Insert Format Data Tools Extensions Help

A1 | Timestamp

Form_Responses1 ⌄

	A	B	C	D	E	F	G	H
1	**Timestamp** ⌄	**Full Name** ⌄	**Gender** ⌄	**Phone Number** ⌄	**Email Address** ⌄	**Date Of Birth** ⌄	**Your age** ⌄	**Please select the department that you are**
90	10/17/2024 22:06:21	Vandana Kumari	Female	8873797917	vandanapriyadarshi2222	2/14/2004	18 - 30	D0030-Science
91	10/17/2024 22:06:27	Kirti Siddhu	Female	9368361638	kirtisiddhu03@gmail.cor	4/8/2005	18 - 30	D0030-Science
92	10/17/2024 22:06:59	Geeta	Female	6267255071	geetamanikpuri29@gma	7/6/1999	18 - 30	D0030-Science
93	10/17/2024 22:07:02	Kanak Sao	Female	9302264639	ksao180205@gmail.con	2/18/2005	18 - 30	D0040-Electrical and computer engineerir
94	10/17/2024 22:07:26	Rimi	Female	8172464010	rim123@gmail.com	6/2/2006	18 - 30	D0030-Science
95	10/17/2024 22:08:10	Pravallika Kondapalli	Female	9401385431	minipravallika@gmail.cc	3/2/2000	18 - 30	D0040-Electrical and computer engineerir
96	10/17/2024 22:08:25	Disha Somani	Female	9860559562	disha2k6@gmail.com	5/22/2006	18 - 30	D0010-Arts
97	10/17/2024 22:08:41	Navjot Kaur	Female	7347264620	njot1863@gmail.com	5/31/2007	Below 18	D0050-Others
98	10/17/2024 22:08:44	Arkja	Female	8580641039	khajuriaarkja111@gmail	11/1/2006	Below 18	D0030-Science
99	10/17/2024 22:08:55	Nisha	Female	8076964025	Nishakhankkm@gmail.c	10/8/2005	18 - 30	D0010-Arts
100	10/17/2024 22:08:56	Sonali panda	Female	9777271630	pandasonali983@gmail.	10/10/2024	18 - 30	D0020-Commerce
101	10/17/2024 22:10:45	Purnima	Female	7023076144	Purna.pareek@gmail.co	2/6/2004	18 - 30	D0030-Science

+ ☰ 📋 Form Responses 1 ⌄

ER diagram for school management system:

- **Students Table:**

- **Unique Attributes:**
  - **student_id: Unique for each student (Primary Key).**
  - **email: Can also be set as unique to prevent duplicate email entries.**

- **Courses Table:**

- **Unique Attributes:**
  - **course_id: Unique for each course (Primary Key).**

- **Departments Table:**

- **Unique Attributes:**
  - **department_id: Unique for each department (Primary Key).**

ER DIAGRAM OF SCHOOL MANAGEMENT SYSTEM
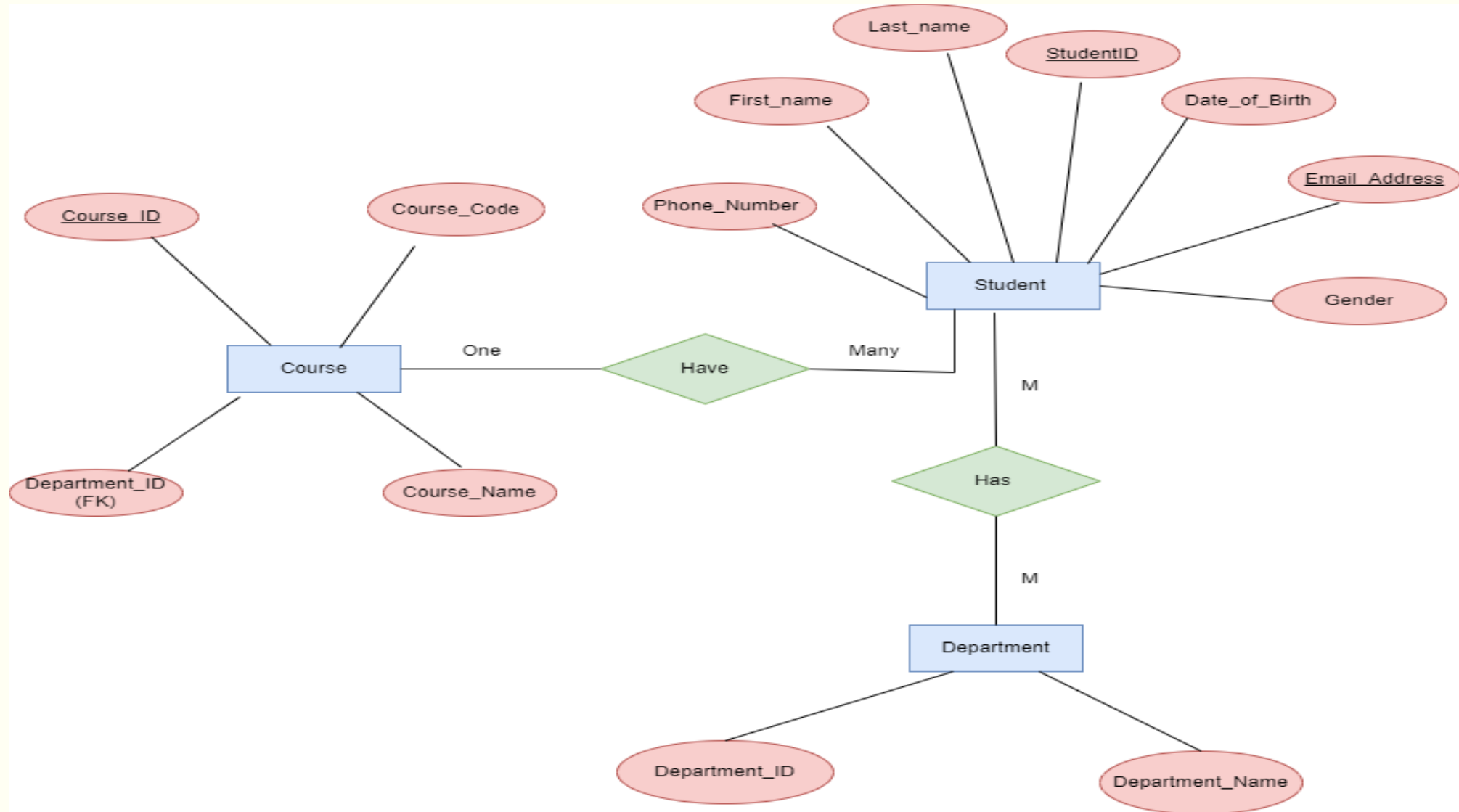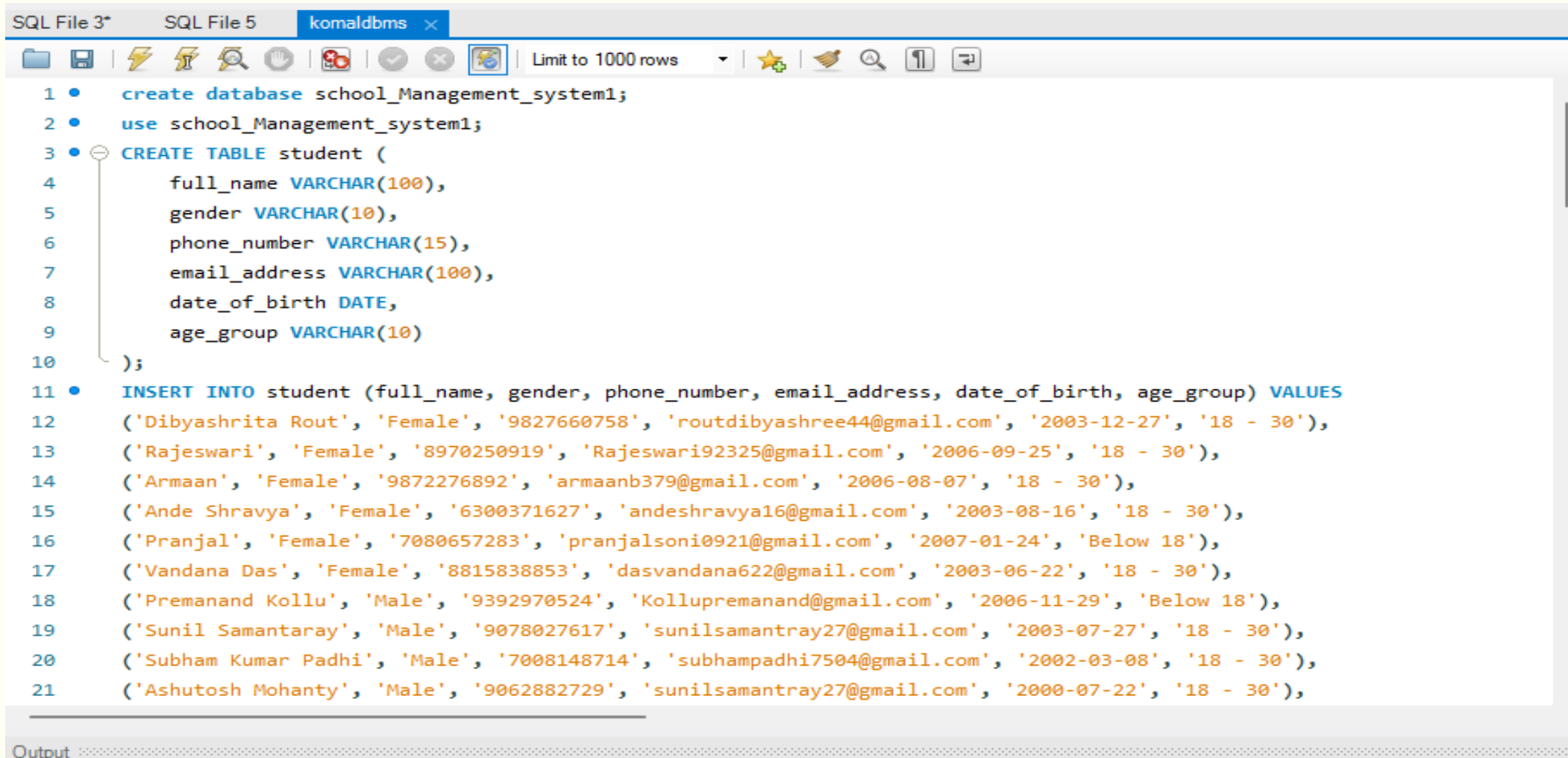
DATABASE FOR SCHOOL MANAGEMENT SYSTEM

TABLES: STUDENT , DEPARTMENT AND COURSE

DATABASE FOR SCHOOL MANAGEMENT SYSTEM

STUDENT TABLE ,COURSE TABLE AND DEPARTMENT TABLE

```sql
SQL File 3*        SQL File 5        komaldbms  ×

  Limit to 1000 rows

 1  create database school_Management_system1;
 2  use school_Management_system1;
 3  CREATE TABLE student (
 4      full_name VARCHAR(100),
 5      gender VARCHAR(10),
 6      phone_number VARCHAR(15),
 7      email_address VARCHAR(100),
 8      date_of_birth DATE,
 9      age_group VARCHAR(10)
10  );
11  INSERT INTO student (full_name, gender, phone_number, email_address, date_of_birth, age_group) VALUES
12  ('Dibyashrita Rout', 'Female', '9827660758', 'routdibyashree44@gmail.com', '2003-12-27', '18 - 30'),
13  ('Rajeswari', 'Female', '8970250919', 'Rajeswari92325@gmail.com', '2006-09-25', '18 - 30'),
14  ('Armaan', 'Female', '9872276892', 'armaanb379@gmail.com', '2006-08-07', '18 - 30'),
15  ('Ande Shravya', 'Female', '6300371627', 'andeshravya16@gmail.com', '2003-08-16', '18 - 30'),
16  ('Pranjal', 'Female', '7080657283', 'pranjalsoni0921@gmail.com', '2007-01-24', 'Below 18'),
17  ('Vandana Das', 'Female', '8815838853', 'dasvandana622@gmail.com', '2003-06-22', '18 - 30'),
18  ('Premanand Kollu', 'Male', '9392970524', 'Kollupremanand@gmail.com', '2006-11-29', 'Below 18'),
19  ('Sunil Samantaray', 'Male', '9078027617', 'sunilsamantray27@gmail.com', '2003-07-27', '18 - 30'),
20  ('Subham Kumar Padhi', 'Male', '7008148714', 'subhampadhi7504@gmail.com', '2002-03-08', '18 - 30'),
21  ('Ashutosh Mohanty', 'Male', '9062882729', 'sunilsamantray27@gmail.com', '2000-07-22', '18 - 30'),
```

Output

100 ENTRIES FOR STUDENT ,COURSE AND DEPARTMENT TABLE

Limit to 1000 rows

```
19    ('Sunil Samantaray', 'Male', '9078027617', 'sunilsamantray27@gmail.com', '2003-07-27', '18 - 30'),
20    ('Subham Kumar Padhi', 'Male', '7008148714', 'subhampadhi7504@gmail.com', '2002-03-08', '18 - 30'),
21    ('Ashutosh Mohanty', 'Male', '9062882729', 'sunilsamantray27@gmail.com', '2000-07-22', '18 - 30'),
22    ('Sashmita Swain', 'Female', '8914514517', 'sashmitaswain2003@gmail.com', '2003-06-17', '18 - 30'),
23    ('Sai Venkat', 'Male', '8978275798', 'saivenkat.j2005@gmail.com', '2005-09-23', '18 - 30'),
24    ('Chetti Shiva Krishna', 'Male', '7013791630', 'chettishivakrishna@gmail.com', '2006-10-15', '18 - 30'),
25    ('Muskan', 'Female', '9518265600', 'muskandhillon544@gmail.com', '2006-03-29', '18 - 30'),
26    ('Midhat Feroz', 'Female', '9541273739', 'Midhatferoz@gmail.com', '0004-04-04', '18 - 30'),
27    ('Ramya Sri', 'Female', '9701941188', 'shamelatiramyasri@gmail.com', '1997-03-18', '18 - 30'),
28    ('Harshita Bansal', 'Female', '7357368845', 'bansalharshita72@gmail.com', '2024-09-14', '18 - 30'),
29    ('Siddhartha Sankar Rout', 'Male', '7609970406', 'siddhartharout11@gmail.com', '2004-01-17', '18 - 30'),
30    ('Keshab Ojha', 'Male', '7894293715', 'Luckyyaisha02@gmail.com', '2004-04-02', '18 - 30'),
31    ('Tarun Mehra', 'Male', '7014237056', 'tmehra147@gmail.com', '2002-10-14', '18 - 30'),
32    ('Rashmi Ranjan Nayak', 'Male', '8455871297', 'rashminayakranjan99@gmail.com', '2003-10-25', '18 - 30'),
33    ('Subhasish Pradhan', 'Male', '7008336818', 'subhasishpradhan49@gmail.com', '2005-02-16', '18 - 30'),
34    ('A B Ayush Kumar', 'Male', '7978193873', 'Kumarayush1558@gmail.com', '2003-12-24', '18 - 30'),
35    ('Debansu Sekhar Rout', 'Male', '7735120972', 'debansusekharrout@gmail.com', '2003-01-11', '18 - 30');
36 ●  INSERT INTO student (full_name, gender, phone_number, email_address, date_of_birth, age_group) VALUES
37    ('Abhisek Nanda', 'Male', '9777604404', 'abhisekn738@gmail.com', '2000-09-08', '18 - 30'),
38    ('Arif Rawal', 'Male', '7876359491', 'arifrawal17@gmail.com', '2003-09-29', '18 - 30'),
39    ('Simran', 'Female', '9430467599', 'simrankumari200502@gmail.com', '2002-05-20', '18 - 30'),
```

```
40    ('Heemal', 'Female', '8941866875', 'gangwartashu@gmail.com', '2006-08-01', '18 - 30'),
41    ('Charu Gupta', 'Female', '7023161469', 'charugupta881@gmail.com', '2006-01-08', '18 - 30'),
42    ('Muskan', 'Female', '9050115191', 'muskan11a4971@gmail.com', '2005-01-17', '18 - 30'),
43    ('Manaswi', 'Female', '9346202613', 'manaswireddykummetha1181@gmail.com', '2007-12-01', 'Below 18'),
44    ('Pratiksha Deka', 'Female', '9387123071', 'Ka', '2021-07-10', 'Below 18'),
45    ('Putul Rani Pramanik', 'Female', '9942630238', 'Putulpramanik116@gmail.com', '2006-03-12', '18 - 30'),
46    ('Sakshi Pandey', 'Female', '7761020696', 'sakshi1203pandey@gmail.com', '2006-09-13', '18 - 30'),
47    ('Piyush Jain', 'Male', '7701949526', 'piyushjain887150@gmail.com', '2025-01-17', '18 - 30'),
48    ('Vishal Tiwari', 'Male', '7381420938', 'Vishaltiwari1666@gmail.com', '2003-07-03', '18 - 30'),
49    ('Deeksha Mishra', 'Female', '9835362921', 'deekshamishra740@gmail.com', '2006-08-15', '18 - 30'),
50    ('Komal Mehra', 'Female', '8450863428', 'Komalmehra1810@gmail.com', '2003-10-18', '18 - 30'),
51    ('Santosini Sahoo', 'Female', '8328884809', 'hapihapi410@gmail.com', '2003-12-11', '18 - 30'),
52    ('PATLOLLA SUSHMITHA', 'Female', '9398690233', 'Patlollasushmitha', '2005-01-26', 'Below 18'),
53    ('Omprakash Sahoo', 'Male', '8260546743', 'Ompraksh578@gmail.com', '2004-03-03', '18 - 30'),
54    ('Manikant Mani', 'Male', '7992282575', 'manikantsingh14012002@gmail.com', '2004-01-14', '18 - 30'),
55    ('Khushi', 'Female', '7668957564', 'khushi123@gmail.com', '2004-10-17', '18 - 30'),
56    ('Akash Raj', 'Male', '8285674490', 'akashraj25@gmail.com', '2003-09-25', '18 - 30'),
57    ('Aditi Kumari', 'Female', '6202329907', 'Aditi06390@gmail.com', '2003-11-07', '18 - 30'),
58    ('M.venkata Siva Sai', 'Male', '8639133097', 'sivasaimylavarapu11@gmail.com', '2024-10-17', 'Below 18'),
59    ('Ratibha P Ratheesh', 'Female', '9718436346', 'ratibhapratheesh@gmail.com', '2006-10-02', '18 - 30'),
60    ('Chhavi Saini', 'Female', '7082690870', 'sainichhavi68@gmail.com', '2002-09-16', '18 - 30'),
```

```sql
61      ('Sudhamrita', 'Female', '9875333525', 'sudhamritadey1709@gmail.com', '2005-09-17', '18 - 30'),
62      ('Alka', 'Female', '9773763508', 'alkachaudhary1512@gmail.com', '1999-10-20', '18 - 30'),
63      ('Akansha', 'Female', '9416715426', 'lpuchhavisaini@gmail.com', '2001-10-15', 'Below 18'),
64      ('Riya Verma', 'Female', '8168311676', 'riyavermakhushi@gmail.com', '2005-04-21', '18 - 30'),
65      ('Parul Rana', 'Female', '9914334425', 'parulrana1355@gmail.com', '2005-05-13', '18 - 30'),
66      ('Tulip Winget', 'Female', '8697070118', 'Oceanictulips@gmail.com', '2001-12-13', '18 - 30');
67 •    INSERT INTO student (full_name, gender, phone_number, email_address, date_of_birth, age_group) VALUES
68      ('Ashish Desher', 'Male', '9301281319', 'Ashishdesher521@gmail.com', '1998-11-28', '18 - 30'),
69      ('Priyanka Hz', 'Female', '9395637808', 'priyankahazarika825@gmail.com', '2005-04-27', '18 - 30'),
70      ('Rishu Rani', 'Female', '8789577071', 'Ranirishu701@gmail.com', '2007-05-06', 'Below 18'),
71      ('V', 'Female', '9826286235', 'vanshika67@gmail.com', '2006-07-14', '18 - 30'),
72      ('Shraddha Suyal', 'Female', '9234478903', 'suyalshraddha@gmail.com', '2006-10-08', '18 - 30'),
73      ('Simran Choubey', 'Female', '8889266892', 'simranchoubey12@gmail.com', '2005-06-21', '18 - 30'),
74      ('Kk', 'Female', '728819191003', 'abc@gamil.com', '2024-10-17', '18 - 30'),
75      ('Shruti Joshi', 'Female', '9456104714', 'shrutijoshi1209@gmail.com', '2006-09-12', '18 - 30'),
76      ('Dhvani Yadav', 'Female', '8091461553', 'dhvaniyadav10@gmail.com', '2005-10-10', '18 - 30'),
77      ('Manisha', 'Female', '62054013121', 'chaudharyananya378@gmail.com', '2005-11-17', '18 - 30'),
78      ('Yashika Sharma', 'Female', '9084141468', 'yashikasharma.rs456@gmail.com', '2006-04-04', '18 - 30'),
79      ('Priyanka Singh', 'Female', '8269132767', 'priyankasingh27671@gmail.com', '2003-09-06', '18 - 30'),
80      ('Pawandeep Kaur', 'Female', '9779673256', 'Jagtarsinghkharoud4@gmail.com', '2006-09-17', '18 - 30'),
81      ('Mekhala Halder', 'Female', '9547344895', 'haldermekhala@gmail.com', '2005-06-08', '18 - 30'),
```

```
 82        ('Pahar Dwivedi', 'Female', '8115380255', 'pahardwivedi9@gmail.com', '2006-10-12', '18 - 30'),
 83        ('Ishita', 'Female', '7409550249', 'ishitag722@gmail.com', '2002-02-28', '18 - 30'),
 84        ('Ashwini Patil', 'Female', '7999212135', 'ap8933823@gmail.com', '2005-10-05', '18 - 30'),
 85        ('Varsha Verma', 'Female', '7549181822', 'varshahpo2005@gmail.com', '2005-10-11', '18 - 30'),
 86        ('Harsha Santhosh', 'Female', '6238405336', 'harshasanthoshmadurethu@gmail.com', '2005-11-24', '18 - 30'),
 87        ('Grace P Roy', 'Female', '7510512309', 'graceroy@gmail.com', '2006-10-03', '18 - 30'),
 88        ('Vanshika Tyagi', 'Female', '9553272361', 'vanshika0917@gmail.com', '2006-09-17', '18 - 30'),
 89        ('Sneha Pallavi', 'Female', '7800561428', 'snehapallavi125@gmail.com', '1999-10-14', '18 - 30'),
 90        ('Hari Chandana', 'Female', '6305986303', 'harireddyputta28@gmail.com', '2007-02-28', 'Below 18'),
 91        ('Shiwangi Prajapati', 'Female', '7007410796', 'shiwangiprajapati92@gmail.com', '2006-06-12', '18 - 30');
 92  ●    INSERT INTO student (full_name, gender, phone_number, email_address, date_of_birth, age_group) VALUES
 93        ('Arpita', 'Female', '9430047717', 'arpitahpo@gmail.com', '2007-10-28', 'Below 18'),
 94        ('Mona Rohilla', 'Female', '8103238206', 'monarohila261@gmail.com', '2005-03-04', '18 - 30'),
 95        ('Aadrita Maddheshiya', 'Female', '9673456231', 'aadrita19800@gmail.com', '2002-10-19', '18 - 30'),
 96        ('Bhumika Kadam', 'Female', '7909520697', 'bhumikadam80@gmail.com', '2000-10-06', '18 - 30'),
 97        ('Navnoor Kaur', 'Female', '8398883191', 'Navnoorkaur05@gmail.com', '2005-08-15', '18 - 30'),
 98        ('Payal', 'Male', '3456789231', 'payal.sengar2024@lpu.com', '2024-10-17', '18 - 30'),
 99        ('Madhusri', 'Female', '8328162405', 'gayammadhusri19@gmail.com', '2006-07-02', '18 - 30'),
100        ('Harshita Shetty', 'Female', '9106355233', 'Kashi@gmail.com', '2005-10-11', 'Below 18'),
101        ('Neelam', 'Female', '8103002800', 'rajeshneelam56@gmail.com', '2005-07-15', '18 - 30'),
102        ('Vandana Kumari', 'Female', '8873797917', 'vandanapriyadarshi2222@gmail.com', '2004-02-14', '18 - 30'),
```

```
94        ('Mona Rohilla', 'Female', '8103238206', 'monarohila261@gmail.com', '2005-03-04', '18 - 30'),
95        ('Aadrita Maddheshiya', 'Female', '9673456231', 'aadrita19800@gmail.com', '2002-10-19', '18 - 30'),
96        ('Bhumika Kadam', 'Female', '7909520697', 'bhumikadam80@gmail.com', '2000-10-06', '18 - 30'),
97        ('Navnoor Kaur', 'Female', '8398883191', 'Navnoorkaur05@gmail.com', '2005-08-15', '18 - 30'),
98        ('Payal', 'Male', '3456789231', 'payal.sengar2024@lpu.com', '2024-10-17', '18 - 30'),
99        ('Madhusri', 'Female', '8328162405', 'gayammadhusri19@gmail.com', '2006-07-02', '18 - 30'),
100       ('Harshita Shetty', 'Female', '9106355233', 'Kashi@gmail.com', '2005-10-11', 'Below 18'),
101       ('Neelam', 'Female', '8103002800', 'rajeshneelam56@gmail.com', '2005-07-15', '18 - 30'),
102       ('Vandana Kumari', 'Female', '8873797917', 'vandanapriyadarshi2222@gmail.com', '2004-02-14', '18 - 30'),
103       ('Kirti Siddhu', 'Female', '9368361638', 'kirtisiddhu03@gmail.com', '2005-04-08', '18 - 30'),
104       ('Geeta', 'Female', '6267255071', 'geetamanikpuri29@gmail.com', '1999-07-06', '18 - 30'),
105       ('Kanak Sao', 'Female', '9302264639', 'ksao180205@gmail.com', '2005-02-18', '18 - 30'),
106       ('Rimi', 'Female', '8172464010', 'rim123@gmail.com', '2006-06-02', '18 - 30'),
107       ('Pravallika Kondapalli', 'Female', '9401385431', 'minipravallika@gmail.com', '2000-03-02', '18 - 30'),
108       ('Disha Somani', 'Female', '9860559562', 'disha2k6@gmail.com', '2006-05-22', '18 - 30'),
109       ('Navjot Kaur', 'Female', '7347264620', 'njot1863@gmail.com', '2007-05-31', 'Below 18'),
110       ('Arkja', 'Female', '8580641039', 'khajuriaarkja111@gmail.com', '2006-11-01', 'Below 18'),
111       ('Nisha', 'Female', '8076964025', 'Nishakhankkm@gmail.com', '2005-10-08', '18 - 30'),
112       ('Sonali Panda', 'Female', '9777271630', 'pandasonali983@gmail.com', '2024-10-10', '18 - 30');
113    ●  select*from student;
114
```

HERE ,   THE   STUDENT   TABLE

full_name	gender	phone_number	email_address	date_of_birth	age_group
Dibyashrita Rout	Female	9827660758	routdibyashree44@gmail.com	2003-12-27	18 - 30
Rajeswari	Female	8970250919	Rajeswari92325@gmail.com	2006-09-25	18 - 30
Armaan	Female	9872276892	armaanb379@gmail.com	2006-08-07	18 - 30
Ande Shravya	Female	6300371627	andeshravya16@gmail.com	2003-08-16	18 - 30
Pranjal	Female	7080657283	pranjalsoni0921@gmail.com	2007-01-24	Below 18
Vandana Das	Female	8815838853	dasvandana622@gmail.com	2003-06-22	18 - 30
Premanand Kollu	Male	9392970524	Kollupremanand@gmail.com	2006-11-29	Below 18
Sunil Samantaray	Male	9078027617	sunilsamantray27@gmail.com	2003-07-27	18 - 30
Subham Kumar Padhi	Male	7008148714	subhampadhi7504@gmail.com	2002-03-08	18 - 30
Ashutosh Mohanty	Male	9062882729	sunilsamantray27@gmail.com	2000-07-22	18 - 30
Sashmita Swain	Female	8914514517	sashmitaswain2003@gmail.com	2003-06-17	18 - 30
Sai Venkat	Male	8978275798	saivenkat.j2005@gmail.com	2005-09-23	18 - 30
Chetti Shiva Krishna	Male	7013791630	chettishivakrishna@gmail.com	2006-10-15	18 - 30
Muskan	Female	9518265600	muskandhillon544@gmail.com	2006-03-29	18 - 30
Midhat Feroz	Female	9541273739	Midhatferoz@gmail.com	0004-04-04	18 - 30
Ramya Sri	Female	9701941188	shamelatiramyasri@gmail.com	1997-03-18	18 - 30

student 1 ✕

	full_name	gender	phone_number	email_address	date_of_birth	age_group
	Ramya Sri	Female	9701941188	shamelatiramyasri@gmail.com	1997-03-18	18 - 30
	Harshita Bansal	Female	7357368845	bansalharshita72@gmail.com	2024-09-14	18 - 30
	Siddhartha Sankar ...	Male	7609970406	siddhartharout11@gmail.com	2004-01-17	18 - 30
	Keshab Ojha	Male	7894293715	Luckyyaisha02@gmail.com	2004-04-02	18 - 30
	Tarun Mehra	Male	7014237056	tmehra147@gmail.com	2002-10-14	18 - 30
	Rashmi Ranjan Nayak	Male	8455871297	rashminayakranjan99@gmail....	2003-10-25	18 - 30
	Subhasish Pradhan	Male	7008336818	subhasishpradhan49@gmail....	2005-02-16	18 - 30
	A B Ayush Kumar	Male	7978193873	Kumarayush1558@gmail.com	2003-12-24	18 - 30
	Debansu Sekhar Rout	Male	7735120972	debansusekharrout@gmail.com	2003-01-11	18 - 30
	Dibyashrita Rout	Female	9827660758	routdibyashree44@gmail.com	2003-12-27	18 - 30
	Rajeswari	Female	8970250919	Rajeswari92325@gmail.com	2006-09-25	18 - 30
	Armaan	Female	9872276892	armaanb379@gmail.com	2006-08-07	18 - 30
	Ande Shravya	Female	6300371627	andeshravya16@gmail.com	2003-08-16	18 - 30
	Pranjal	Female	7080657283	pranjalsoni0921@gmail.com	2007-01-24	Below 18
	Vandana Das	Female	8815838853	dasvandana622@gmail.com	2003-06-22	18 - 30
	Premanand Kollu	Male	9392970524	Kollupremanand@gmail.com	2006-11-29	Below 18

student 1 ✕

full_name	gender	phone_number	email_address	date_of_birth	age_group
Premanand Kollu	Male	9392970524	Kollupremanand@gmail.com	2006-11-29	Below 18
Sunil Samantaray	Male	9078027617	sunilsamantray27@gmail.com	2003-07-27	18 - 30
Subham Kumar Padhi	Male	7008148714	subhampadhi7504@gmail.com	2002-03-08	18 - 30
Ashutosh Mohanty	Male	9062882729	sunilsamantray27@gmail.com	2000-07-22	18 - 30
Sashmita Swain	Female	8914514517	sashmitaswain2003@gmail.com	2003-06-17	18 - 30
Sai Venkat	Male	8978275798	saivenkat.j2005@gmail.com	2005-09-23	18 - 30
Chetti Shiva Krishna	Male	7013791630	chettishivakrishna@gmail.com	2006-10-15	18 - 30
Muskan	Female	9518265600	muskandhillon544@gmail.com	2006-03-29	18 - 30
Midhat Feroz	Female	9541273739	Midhatferoz@gmail.com	0004-04-04	18 - 30
Ramya Sri	Female	9701941188	shamelatiramyasri@gmail.com	1997-03-18	18 - 30
Harshita Bansal	Female	7357368845	bansalharshita72@gmail.com	2024-09-14	18 - 30
Siddhartha Sankar ...	Male	7609970406	siddhartharout11@gmail.com	2004-01-17	18 - 30
Keshab Ojha	Male	7894293715	Luckyyaisha02@gmail.com	2004-04-02	18 - 30
Tarun Mehra	Male	7014237056	tmehra147@gmail.com	2002-10-14	18 - 30
Rashmi Ranjan Nayak	Male	8455871297	rashminayakranjan99@gmail....	2003-10-25	18 - 30
Subhasish Pradhan	Male	7008336818	subhasishpradhan49@gmail.	2005-02-16	18 - 30

student 1 ✕

full_name	gender	phone_number	email_address	date_of_birth	age_group
Rashmi Ranjan Nayak	Male	8455871297	rashminayakranjan99@gmail....	2003-10-25	18 - 30
Subhasish Pradhan	Male	7008336818	subhasishpradhan49@gmail....	2005-02-16	18 - 30
A B Ayush Kumar	Male	7978193873	Kumarayush1558@gmail.com	2003-12-24	18 - 30
Debansu Sekhar Rout	Male	7735120972	debansusekharrout@gmail.com	2003-01-11	18 - 30
Abhisek Nanda	Male	9777604404	abhisekn738@gmail.com	2000-09-08	18 - 30
Arif Rawal	Male	7876359491	arifrawal17@gmail.com	2003-09-29	18 - 30
Simran	Female	9430467599	simrankumari200502@gmail.c...	2002-05-20	18 - 30
Heemal	Female	8941866875	gangwartashu@gmail.com	2006-08-01	18 - 30
Charu Gupta	Female	7023161469	charugupta881@gmail.com	2006-01-08	18 - 30
Muskan	Female	9050115191	muskan11a4971@gmail.com	2005-01-17	18 - 30
Manaswi	Female	9346202613	manaswireddykummetha118...	2007-12-01	Below 18
Pratiksha Deka	Female	9387123071	Ka	2021-07-10	Below 18
Putul Rani Pramanik	Female	9942630238	Putulpramanik116@gmail.com	2006-03-12	18 - 30
Sakshi Pandey	Female	7761020696	sakshi1203pandey@gmail.com	2006-09-13	18 - 30
Piyush Jain	Male	7701949526	piyushjain887150@gmail.com	2025-01-17	18 - 30
Vishal Tiwari	Male	7381420938	Vishaltiwari1666@gmail.com	2003-07-03	18 - 30

student 1 ✕

full_name	gender	phone_number	email_address	date_of_birth	age_group
Vishal Tiwari	Male	7381420938	Vishaltiwari1666@gmail.com	2003-07-03	18 - 30
Deeksha Mishra	Female	9835362921	deekshamishra740@gmail.com	2006-08-15	18 - 30
Komal Mehra	Female	8450863428	Komalmehra1810@gmail.com	2003-10-18	18 - 30
Santosini Sahoo	Female	8328884809	hapihapi410@gmail.com	2003-12-11	18 - 30
PATLOLLA SUSHMIT...	Female	9398690233	Patlollasushmitha	2005-01-26	Below 18
Omprakash Sahoo	Male	8260546743	Ompraksh578@gmail.com	2004-03-03	18 - 30
Manikant Mani	Male	7992282575	manikantsingh14012002@gm...	2004-01-14	18 - 30
Khushi	Female	7668957564	khushi123@gmail.com	2004-10-17	18 - 30
Akash Raj	Male	8285674490	akashraj25@gmail.com	2003-09-25	18 - 30
Aditi Kumari	Female	6202329907	Aditi06390@gmail.com	2003-11-07	18 - 30
M.venkata Siva Sai	Male	8639133097	sivasaimylavarapu11@gmail....	2024-10-17	Below 18
Ratibha P Ratheesh	Female	9718436346	ratibhapratheesh@gmail.com	2006-10-02	18 - 30
Chhavi Saini	Female	7082690870	sainichhavi68@gmail.com	2002-09-16	18 - 30
Sudhamrita	Female	9875333525	sudhamritadey1709@gmail.com	2005-09-17	18 - 30
Alka	Female	9773763508	alkachaudhary1512@gmail.com	1999-10-20	18 - 30
Akansha	Female	9416715426	lpuchhavisaini@gmail.com	2001-10-15	Below 18

student 1 ✕

full_name	gender	phone_number	email_address	date_of_birth	age_group
Akansha	Female	9416715426	lpuchhavisaini@gmail.com	2001-10-15	Below 18
Riya Verma	Female	8168311676	riyavermakhushi@gmail.com	2005-04-21	18 - 30
Parul Rana	Female	9914334425	parulrana1355@gmail.com	2005-05-13	18 - 30
Tulip Winget	Female	8697070118	Oceanictulips@gmail.com	2001-12-13	18 - 30
Ashish Desher	Male	9301281319	Ashishdesher521@gmail.com	1998-11-28	18 - 30
Priyanka Hz	Female	9395637808	priyankahazarika825@gmail....	2005-04-27	18 - 30
Rishu Rani	Female	8789577071	Ranirishu701@gmail.com	2007-05-06	Below 18
V	Female	9826286235	vanshika67@gmail.com	2006-07-14	18 - 30
Shraddha Suyal	Female	9234478903	suyalshraddha@gmail.com	2006-10-08	18 - 30
Simran Choubey	Female	8889266892	simranchoubey12@gmail.com	2005-06-21	18 - 30
Kk	Female	728819191003	abc@gamil.com	2024-10-17	18 - 30
Shruti Joshi	Female	9456104714	shrutijoshi1209@gmail.com	2006-09-12	18 - 30
Dhvani Yadav	Female	8091461553	dhvaniyadav10@gmail.com	2005-10-10	18 - 30
Manisha	Female	62054013121	chaudharyananya378@gmail...	2005-11-17	18 - 30
Yashika Sharma	Female	9084141468	yashikasharma.rs456@gmail....	2006-04-04	18 - 30
Priyanka Singh	Female	8269132767	priyankasingh27671@gmail.com	2003-09-06	18 - 30

student 1 ✕

full_name	gender	phone_number	email_address	date_of_birth	age_group
Priyanka Singh	Female	8269132767	priyankasingh27671@gmail.com	2003-09-06	18 - 30
Pawandeep Kaur	Female	9779673256	Jagtarsinghkharoud4@gmail....	2006-09-17	18 - 30
Mekhala Halder	Female	9547344895	haldermekhala@gmail.com	2005-06-08	18 - 30
Pahar Dwivedi	Female	8115380255	pahardwivedi9@gmail.com	2006-10-12	18 - 30
Ishita	Female	7409550249	ishitag722@gmail.com	2002-02-28	18 - 30
Ashwini Patil	Female	7999212135	ap8933823@gmail.com	2005-10-05	18 - 30
Varsha Verma	Female	7549181822	varshahpo2005@gmail.com	2005-10-11	18 - 30
Harsha Santhosh	Female	6238405336	harshasanthoshmadurethu@...	2005-11-24	18 - 30
Grace P Roy	Female	7510512309	graceroy@gmail.com	2006-10-03	18 - 30
Vanshika Tyagi	Female	9553272361	vanshika0917@gmail.com	2006-09-17	18 - 30
Sneha Pallavi	Female	7800561428	snehapallavi125@gmail.com	1999-10-14	18 - 30
Hari Chandana	Female	6305986303	harireddyputta28@gmail.com	2007-02-28	Below 18
Shiwangi Prajapati	Female	7007410796	shiwangiprajapati92@gmail.com	2006-06-12	18 - 30
Arpita	Female	9430047717	arpitahpo@gmail.com	2007-10-28	Below 18
Mona Rohilla	Female	8103238206	monarohila261@gmail.com	2005-03-04	18 - 30
Aadrita Maddheshiva	Female	9673456231	aadrita19800@gmail.com	2002-10-19	18 - 30

student 1 x

full_name	gender	phone_number	email_address	date_of_birth	age_group
Mona Rohilla	Female	8103238206	monarohila261@gmail.com	2005-03-04	18 - 30
Aadrita Maddheshiya	Female	9673456231	aadrita19800@gmail.com	2002-10-19	18 - 30
Bhumika Kadam	Female	7909520697	bhumikadam80@gmail.com	2000-10-06	18 - 30
Navnoor Kaur	Female	8398883191	Navnoorkaur05@gmail.com	2005-08-15	18 - 30
Payal	Male	3456789231	payal.sengar2024@lpu.com	2024-10-17	18 - 30
Madhusri	Female	8328162405	gayammadhusri19@gmail.com	2006-07-02	18 - 30
Harshita Shetty	Female	9106355233	Kashi@gmail.com	2005-10-11	Below 18
Neelam	Female	8103002800	rajeshneelam56@gmail.com	2005-07-15	18 - 30
Vandana Kumari	Female	8873797917	vandanapriyadarshi2222@g...	2004-02-14	18 - 30
Kirti Siddhu	Female	9368361638	kirtisiddhu03@gmail.com	2005-04-08	18 - 30
Geeta	Female	6267255071	geetamanikpuri29@gmail.com	1999-07-06	18 - 30
Kanak Sao	Female	9302264639	ksao180205@gmail.com	2005-02-18	18 - 30
Rimi	Female	8172464010	rim123@gmail.com	2006-06-02	18 - 30
Pravallika Kondapalli	Female	9401385431	minipravallika@gmail.com	2000-03-02	18 - 30
Disha Somani	Female	9860559562	disha2k6@gmail.com	2006-05-22	18 - 30
Navjot Kaur	Female	7347264620	njot1863@gmail.com	2007-05-31	Below 18

student 1 ✕

full_name	gender	phone_number	email_address	date_of_birth	age_group
Payal	Male	3456789231	payal.sengar2024@lpu.com	2024-10-17	18 - 30
Madhusri	Female	8328162405	gayammadhusri19@gmail.com	2006-07-02	18 - 30
Harshita Shetty	Female	9106355233	Kashi@gmail.com	2005-10-11	Below 18
Neelam	Female	8103002800	rajeshneelam56@gmail.com	2005-07-15	18 - 30
Vandana Kumari	Female	8873797917	vandanapriyadarshi2222@g...	2004-02-14	18 - 30
Kirti Siddhu	Female	9368361638	kirtisiddhu03@gmail.com	2005-04-08	18 - 30
Geeta	Female	6267255071	geetamanikpuri29@gmail.com	1999-07-06	18 - 30
Kanak Sao	Female	9302264639	ksao180205@gmail.com	2005-02-18	18 - 30
Rimi	Female	8172464010	rim123@gmail.com	2006-06-02	18 - 30
Pravallika Kondapalli	Female	9401385431	minipravallika@gmail.com	2000-03-02	18 - 30
Disha Somani	Female	9860559562	disha2k6@gmail.com	2006-05-22	18 - 30
Navjot Kaur	Female	7347264620	njot1863@gmail.com	2007-05-31	Below 18
Arkja	Female	8580641039	khajuriaarkja111@gmail.com	2006-11-01	Below 18
Nisha	Female	8076964025	Nishakhankkm@gmail.com	2005-10-08	18 - 30
Sonali Panda	Female	9777271630	pandasonali983@gmail.com	2024-10-10	18 - 30

student 1 x

DEPARTMENT TABLE

```sql
1    use school_Management_system1;
2  • ⊖ CREATE TABLE department3 (
3         department_id VARCHAR (50),
4         department_name VARCHAR(100) NOT NULL
5     );
6  •   INSERT INTO department3 (department_id, department_name)
7      VALUES
8         ('D0050', 'Others'),
9         ('D0050', 'Others'),
10        ('D0030', 'Science'),
11        ('D0020', 'Commerce'),
12        ('D0040', 'Electrical and computer engineering'),
13        ('D0030', 'Science'),
14        ('D0010', 'Arts'),
15        ('D0030', 'Science'),
16        ('D0040', 'Electrical and computer engineering'),
17        ('D0030', 'Science'),
18        ('D0050', 'Others'),
19        ('D0050', 'Others'),
20        ('D0050', 'Others'),
21        ('D0030', 'Science'),
22        ('D0030', 'Science'),
23        ('D0050', 'Others'),
24        ('D0030', 'Science'),
```

100 Entries for these table

```
25          ('D0040', 'Electrical and computer engineering'),
26          ('D0040', 'Electrical and computer engineering'),
27          ('D0030', 'Science'),
28          ('D0050', 'Others'),
29          ('D0040', 'Electrical and computer engineering'),
30          ('D0030', 'Science'),
31          ('D0030', 'Science'),
32          ('D0030', 'Science'),
33          ('D0040', 'Electrical and computer engineering'),
34          ('D0020', 'Commerce'),
35          ('D0040', 'Electrical and computer engineering'),
36          ('D0050', 'Others');
37  ●   INSERT INTO department3 (department_id, department_name)
38      VALUES
39          ('D0040', 'Electrical and computer engineering'),
40          ('D0050', 'Others'),
41          ('D0010', 'Arts'),
42          ('D0040', 'Electrical and computer engineering'),
43          ('D0040', 'Electrical and computer engineering'),
44          ('D0040', 'Electrical and computer engineering'),
45          ('D0040', 'Electrical and computer engineering'),
46          ('D0020', 'Commerce'),
47          ('D0030', 'Science'),
48          ('D0030', 'Science'),
```

Limit to 1000 rows

Department table :

department_id	department_name
D0050	Others
D0050	Others
D0030	Science
D0020	Commerce
D0040	Electrical and computer engineering
D0030	Science
D0010	Arts
D0030	Science
D0040	Electrical and computer engineering
D0030	Science
D0050	Others
D0050	Others
D0050	Others
D0030	Science
D0030	Science
D0050	Others
D0030	Science
D0040	Electrical and computer engineering

department_id	department_name
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0030	Science
D0050	Others
D0040	Electrical and computer engineering
D0030	Science
D0030	Science
D0030	Science
D0040	Electrical and computer engineering
D0020	Commerce
D0040	Electrical and computer engineering
D0050	Others
D0040	Electrical and computer engineering
D0050	Others
D0010	Arts
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering

department_id	department_name
D0040	Electrical and computer engineering
D0020	Commerce
D0030	Science
D0030	Science
D0040	Electrical and computer engineering
D0030	Science
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0010	Arts
D0040	Electrical and computer engineering
D0050	Others
D0040	Electrical and computer engineering
D0020	Commerce
D0040	Electrical and computer engineering
D0020	Commerce
D0030	Science
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering

Result Grid 1

department_id	department_name
D0010	Arts
D0040	Electrical and computer engineering
D0020	Commerce
D0030	Science
D0030	Science
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0050	Others
D0020	Commerce
D0050	Others
D0050	Others
D0040	Electrical and computer engineering
D0030	Science
D0030	Science
D0030	Science
D0050	Others
D0020	Commerce
D0040	Electrical and computer engineering

department3 1 ✕

Result Grid 2

department_id	department_name
D0030	Science
D0030	Science
D0050	Others
D0020	Commerce
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0050	Others
D0030	Science
D0030	Science
D0030	Science
D0040	Electrical and computer engineering
D0030	Science
D0040	Electrical and computer engineering
D0010	Arts
D0050	Others
D0030	Science
D0010	Arts
D0020	Commerce

department3 1 ✕

Result Grid 3

department_id	department_name
D0020	Commerce
D0050	Others
D0020	Commerce
D0050	Others
D0040	Electrical and computer engineering
D0030	Science
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0010	Arts
D0010	Arts
D0040	Electrical and computer engineering
D0040	Electrical and computer engineering
D0030	Science
D0010	Arts
D0040	Electrical and computer engineering
D0010	Arts
D0040	Electrical and computer engineering
D0020	Commerce

department3 1 ✕

COURSE TABLE

```
MySQL  localhost:3306 ssl  school_management_system  SQL > select* from course4
```

course_code	course_name	department_id
C001	Algebra	D001
C002	Physics	D002
C003	English Literature	D003
C004	Chemistry	D004
C005	Computer Science	D005
C006	Biology	D006
C007	Art History	D007
C008	Philosophy	D008
C009	Economics	D009
C010	Statistics	D010
C011	Music Theory	D011
C012	Graphic Design	D012
C013	Web Development	D013
C014	Artificial Intelligence	D014
C015	Machine Learning	D015
C016	Data Science	D016
C017	Networking	D017
C018	Cybersecurity	D018
C019	Quantum Computing	D019
C020	Digital Marketing	D020
C021	Human Psychology	D021
C022	Sociology	D022
C023	Anthropology	D023
C024	Cognitive Science	D024
C025	Statistics for Business	D025
C026	Operations Management	D026
C027	Project Management	D027
C028	International Relations	D028
C029	Environmental Science	D029
C030	Health Sciences	D030
C031	Nursing	D031
C033	Veterinary Medicine	D033
C034	Civil Engineering	D034
C035	Mechanical Engineering	D035
C036	Electrical Engineering	D036
C037	Chemical Engineering	D037
C038	Architecture	D038
C039	Geology	D039
C040	Astronomy	D040
C041	Theatre	D041
C042	Dance	D042
C043	Creative Writing	D043
C044	Journalism	D044
C045	Public Relations	D045
C046	Advertising	D046
C047	Fashion Design	D047
C048	Interior Design	D048
C049	User Experience Design	D049
C050	Game Development	D050
C051	Blockchain Technology	D051
C052	Ethical Hacking	D052
C053	Information Systems	D053
C054	Data Analytics	D054
C055	Supply Chain Management	D055
C056	Finance	D056
C057	Investment Banking	D057
C058	Corporate Finance	D058
C059	Personal Finance	D059
C060	Microeconomics	D060
C061	Macroeconomics	D061
C062	International Economics	D062
C063	Environmental Economics	D063
C064	Game Theory	D064
C065	Negotiation Skills	D065
C066	Strategic Management	D066
C067	Business Ethics	D067
C068	Business Communication	D068
C069	E-commerce	D069
C070	Digital Transformation	D070
C071	Health Informatics	D071
C072	Bioinformatics	D072
C073	Nutritional Science	D073
C074	Public Health	D074

```
74 rows in set (0.0005 sec)
MySQL  localhost:3306 ssl  school_management_system  SQL >
```

Thank You