

ITvedant Student Management System

Final Project for SQL Module

By Hridayesh More

- **Description:**

Following database schema is designed to function as a backend storage database for a web application built to manage a student database of itvedant.

By storing information in a relational database, all the tasks related to daily functioning of the student can be performed easily and much more efficiently. Some of the benefits of using this system to store data over traditional paper registers are as follows:

- Updating and modifying student and teacher data is much easier and efficient
- Maintaining admission details and their student info account is easy and efficient.
- RDBMS provides many ways to analyze available data, thus helping in making more informed decisions about inventory management and other aspects of Student database.

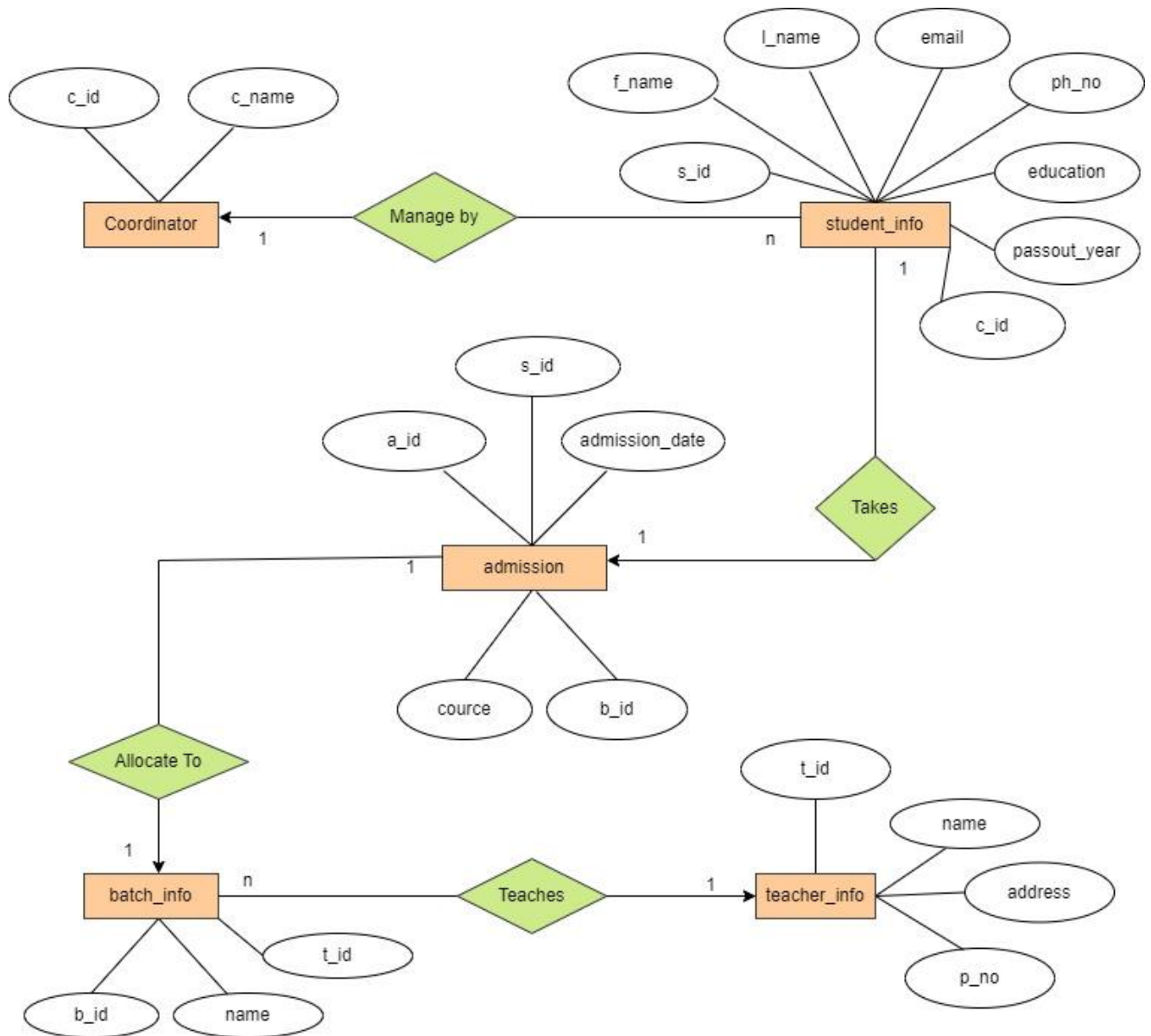
This database contains 5 tables:

1. teacher_info
2. batch_info
3. coordinator
4. student_info
5. admission

How these tables/entities are related to each other is shown pictorially on next page through ER diagram, i.e., Entity Relationship Diagram.

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- ER-Diagram:



- **Table Descriptions:**

- **Teacher_info:-**

Field	Type	Null	Key	Default	Extra
t_id	int(11)	NO	PRI	NULL	
name	varchar(50)	YES		NULL	
address	varchar(200)	YES		NULL	
p_no	varchar(15)	YES		NULL	

- **batch_info:-**

Field	Type	Null	Key	Default	Extra
b_id	int(11)	NO	PRI	NULL	
name	varchar(50)	YES		NULL	
t_id	int(11)	YES		NULL	

- **coordinator:-**

Field	Type	Null	Key	Default	Extra
c_id	int(11)	NO	PRI	NULL	
c_name	varchar(50)	YES		NULL	

- **student_info:-**

Field	Type	Null	Key	Default	Extra
s_id	int(11)	NO	PRI	NULL	
f_name	varchar(50)	YES		NULL	
l_name	varchar(50)	YES		NULL	
email	varchar(50)	YES		NULL	
ph_no	varchar(15)	YES		NULL	
education	varchar(50)	YES		NULL	
passout_year	int(11)	YES		NULL	
c_id	int(11)	YES	MUL	NULL	

- **admission:-**

Field	Type	Null	Key	Default	Extra
a_id	int(11)	NO	PRI	NULL	
s_id	int(11)	YES	MUL	NULL	
admission_date	date	YES		NULL	
course	varchar(100)	YES		NULL	
b_id	int(11)	YES	MUL	NULL	

- **Commands:-**

- **Create Database:**

Create database itvedant;

- **Select Database:**

use itvedant;

- **Create Table Named teacher_info:**

```
create table teacher_info(  
t_id int primary key,  
name varchar(50),  
address varchar(50),  
p_no varchar(20));
```

- **Create Table Named batch_info:**

```
create table batch_info(  
b_id int primary key,  
name varchar(50),  
t_id int,  
constraint foreign key (t_id) references teacher_info(t_id));
```

- **Create Table Named coordinator:**

```
create table coordinator(  
c_id int,  
name varchar(50));
```

- **Create Table Named student_info:**

```
create table student_info(  
s_id int primary key,  
f_name varchar(50),  
l_name varchar(50),  
email varchar(50),  
ph_no varchar(15),  
education varchar(50),  
passout_year int,  
c_id int,  
constraint foreign key (c_id) references coordinator(c_id));
```

- **Create Table Named admission:**

```
create table admission(  
a_id int primary key,  
s_id int,  
admission_date date,  
course varchar(50),  
b_id int,  
constraint foreign key (b_id) references batch_info(b_id));
```

- **Populate Table:**

- **Teacher_info:**

```
insert into teacher_info values  
(100,"Rajesh Vishwakarma","Thane","7768987651"),  
(101,"Swati Verma","Mulund","35160556676"),  
(102,"Yogesh Pingle","Nahur","40798863065"),  
(103,"Bharti Singh","Airoli","66303766713"),  
(104,"Anagha Patil","Parel","50209062848"),  
(105,"Sai Patil","CST","31407363825"),  
(106,"Vaishali Jadhav","Kanjurmarg","07651170581"),  
(107,"Adnan Khan","Dadar","57630717549"),  
(108,"Rohit Verma","Thane","47250567555"),  
(109,"tinku sawant","Kalyan","48109181208"),  
(110,"Akash Deep","Dadar","54700680139");
```

- **batch_info:**

insert into batch_info values

(401,"T419"),

(402,"T420"),

(403,"T421"),

(404,"T422"),

(405,"T423"),

(406,"T424"),

(407,"T425"),

(408,"T426"),

(409,"T427"),

(410,"T428"),

(411,"T429"),

(412,"T430"),

(413,"B419"),

(414,"B420"),

(415,"B421"),

(416,"B422"),

(417,"B423"),

(418,"B424"),

(419,"B425"),

(420,"B426"),

(421,"B427"),

(422,"B428"),

(423,"B429"),

(424,"B430"),

(425,"A419"),

(426,"A420"),

(427,"A421"),

(428,"A422"),

(429,"A423"),

(430,"A424"),

(431,"A425"),

(432,"A426"),

(433,"A427"),

(434,"A428"),

(435,"A429"),
(436,"A430"),
(437,"P419"),
(438,"P420"),
(439,"P421");

- **coordinator:**

insert into coordinator values

(1000,"Ashwini Sable"),
(1001,"Shruti Dabke"),
(1002,"Hina Mandhana"),
(1003,"priti Sholay"),
(1004,"Harman Kohli"),
(1005,"Shilpi Mohite"),
(1006,"Radha Yadav"),
(1007,"Deepti Sharma"),
(1008,"Pooja Vatsrakar"),
(1009,"Shefali Verma"),
(1010,"Rajeshwari Gaikwad"),
(1011,"Antra Sawant"),
(1012,"Arya Sawant"),
(1013,"Manjusha Jadhav"),
(1014,"Ishita More");

- **student_info:**

insert into student_info values

(1,"Rahul","Agarwal","Rahul@gmail.com","9936458614","BCOM",2021,1000),
(2,"Abhishek","Ahuja","Abhishek@gmail.com","0520247293","BCOM",2021,1000),
(3,"Aditya","Apte","Aditya@gmail.com","9887662982","BE",2022,1000),
(4,"Amit","Babu","Amit@gmail.com","6869667930","BE",2023,1000),
(5,"Mahesh","Basu","Mahesh@gmail.com","8910821862","BCOM",2021,1000),
(6,"Rohit","Batra","Rohit@gmail.com","2923415612","BSC",2022,1000),
(7,"Yash","Bedi","Yash@gmail.com","6805974275","BE",2022,1000),
(8,"Ankit","Agarwal","Ankit@gmail.com","8380712682","BCOM",2021,1000),
(9,"Shyam","More","Shyam@gmail.com","5304072160","BE",2020,1000),
(10,"Deepak","More","Deepak@gmail.com","3169104514","BCOM",2021,1000),

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(11,"Aryan","Bhatt","Aryan@gmail.com","1575371522","BSC",2022,1000),
(12,"Raj","Jadhav","Raj@gmail.com","5688757032","BE",2020,1000),
(13,"Arjun","Sawant","Arjun@gmail.com","9140557224","BCOM",2021,1000),
(14,"Manoj","More","Manoj@gmail.com","0290728921","BSC",2022,1000),
(15,"priya","More","priya@gmail.com","4827352756","BE",2022,1000),
(16,"Tanya","Apte","Tanya@gmail.com","1028536626","BSC",2022,1000),
(17,"Priyanka","More","Priyanka@gmail.com","8855942081","BE",2022,1000),
(18,"Divya","Ahuja","Divya@gmail.com","2432868179","BE",2020,1001),
(19,"Tanvi","Babu","Tanvi@gmail.com","1068684210","BE",2021,1001),
(20,"Ishita","Jadhav","Ishita@gmail.com","3842559984","BCOM",2022,1001),
(21,"Vani","More","Vani@gmail.com","6988087182","BE",2020,1001),
(22,"Anjali","Agarwal","Anjali@gmail.com","3986035376","BE",2021,1001),
(23,"Shreya","More","Shreya@gmail.com","3605031062","BE",2021,1001),
(24,"Riya","Basu","Riya@gmail.com","1818791056","BE",2020,1001),
(25,"Sneha","Sawant","Sneha@gmail.com","3593137640","BE",2021,1001),
(26,"Gayatri","Bhatt","Gayatri@gmail.com","9099012225","BSC",2023,1001),
(27,"Varsha","Batra","Varsha@gmail.com","2015863235","BCOM",2021,1001),
(28,"Ira","More","Ira@gmail.com","0714791644","BE",2020,1001),
(29,"Sanjana","Jadhav","Sanjana@gmail.com","9782134617","BSC",2022,1001),
(30,"Nikita","Ahuja","Nikita@gmail.com","5922055243","BSC",2023,1001),
(31,"Vivek","More","Vivek@gmail.com","4353438175","BCOM",2022,1001),
(32,"Parth","Sawant","Parth@gmail.com","0502501223","BSC",2022,1001),
(33,"Soham","Agarwal","Soham@gmail.com","2772955218","BSC",2023,1001),
(34,"Ajith","More","Ajith@gmail.com","3241342288","BE",2021,1002),
(35,"Abhi","Apte","Abhi@gmail.com","6552984040","BSC",2023,1002),
(36,"Pratik","More","Pratik@gmail.com","7034283698","BCOM",2020,1002),
(37,"Rishab","Basu","Rishab@gmail.com","6812023628","BE",2021,1002),
(38,"Virat","Babu","Virat@gmail.com","7295015429","BSC",2021,1002),
(39,"Shreyas","More","Shreyas@gmail.com","6195108224","BE",2021,1002),
(40,"Bumrah","Ahuja","Bumrah@gmail.com","0812097892","BCOM",2022,1002),
(41,"Jay","More","Jay@gmail.com","0711901759","BE",2021,1002),
(42,"Tanu","Jadhav","Tanu@gmail.com","8867370401","BE",2022,1003),
(43,"Smriti","Bedi","Smriti@gmail.com","9588570320","BCOM",2020,1003),
(44,"Radha","Bhatt","Radha@gmail.com","8715232080","BCOM",2018,1003),
(45,"Pooja","Sawant","Pooja@gmail.com","2994827785","BSC",2021,1004),
(46,"Diya","Agarwal","Diya@gmail.com","9026748974","BSC",2022,1004),
(47,"Divya","More","Divya@gmail.com","0454007167","BE",2021,1004),
(48,"Prachi","Batra","Prachi@gmail.com","5214148932","BSC",2023,1005),
(49,"Arti","Basu","Arti@gmail.com","3445976861","BSC",2024,1005),
(50,"Sam","Jadhav","Sam@gmail.com","0348273907","BCOM",2022,1005),
(51,"Mitali","Ahuja","Mitali@gmail.com","7738346301","BE",2023,1006),
(52,"Ajeet","Bedi","Ajeet@gmail.com","7228756301","BE",2023,1006),
(53,"Atul","Babu","Atul@gmail.com","1138756301","BE",2023,1006),

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(54,"Karan","Agarwal","Karan@gmail.com","7738751201","BE",2023,1006),
(55,"Paras","Apte","Paras@gmail.com","3438756301","BE",2023,1006),
(56,"Mohammad","Akhter","Rahul@gmail.com","89384826849","BCOM",2021,1007),
(57,"Rina","A","Abhishek@gmail.com","78919823113","BCOM",2021,1007),
(58,"Vijay","Pancal","Aditya@gmail.com","01134128669","BE",2022,1007),
(59,"Krishna","Malhotra","Amit@gmail.com","41541925006","BE",2023,1007),
(60,"Rajesh","Mamidi","Mahesh@gmail.com","36752134197","BCOM",2021,1007),
(61,"Sangita","Bisht","Rohit@gmail.com","16120557974","BSC",2022,1007),
(62,"Mohammed","Nikam","Yash@gmail.com","03475024855","BE",2022,1007),
(63,"Sushila","Lepcha","Ankit@gmail.com","86814764989","BCOM",2021,1008),
(64,"Mina","Islam","Shyam@gmail.com","5304072160","BE",2020,1008),
(65,"Lakshmi","Swami","Deepak@gmail.com","3169104514","BCOM",2021,1008),
(66,"Manoj","Vasav","Aryan@gmail.com","1575371522","BSC",2022,1008),
(67,"Sri","Dutt","Raj@gmail.com","89114720063","BE",2020,1008),
(68,"Mo","Konwar","Arjun@gmail.com","33626770845","BCOM",2021,1008),
(69,"Anil","Marathe","Manoj@gmail.com","46120970987","BSC",2022,1008),
(70,"Abdul","Karri","priya@gmail.com","4827352756","BE",2022,1008),
(71,"Munni","Lyngdoh","Tanya@gmail.com","1028536626","BSC",2022,1008),
(72,"Pushpa","Rao","Priyanka@gmail.com","74323338624","BE",2022,1008),
(73,"Sunil","Qureshi","Divya@gmail.com","2432868179","BE",2020,1009),
(74,"Suresh","Babu","Tanvi@gmail.com","1068684210","BE",2021,1009),
(75,"Mohammad","Thapa","Ishita@gmail.com","3842559984","BCOM",2022,1009),
(76,"Sanjay","Khairnar","Vani@gmail.com","73311370494","BE",2020,1009),
(77,"Rani","Chowdhuri","Anjali@gmail.com","3986035376","BE",2021,1009),
(78,"Raj","Bhuyan","Shreya@gmail.com","3605031062","BE",2021,1010),
(79,"Raj","George","Riya@gmail.com","1818791056","BE",2020,1010),
(80,"Pushpa","Dehuri","Sneha@gmail.com","07411038922","BE",2021,1010),
(81,"Sanjay","Bind","Gayatri@gmail.com","9099012225","BSC",2023,1010),
(82,"Ram","Deshmukh","Varsha@gmail.com","2015863235","BCOM",2021,1010),
(83,"Anita","Kaushik","Ira@gmail.com","0714791644","BE",2020,1010),
(84,"Vijay","Jadhav","Sanjana@gmail.com","9782134617","BSC",2022,1010),
(85,"Nikita","Rabidas","Nikita@gmail.com","5922055243","BSC",2023,1010),
(86,"Sunita","More","Vivek@gmail.com","98461489039","BCOM",2022,1011),
(87,"Maya","Patal","Parth@gmail.com","0502501223","BSC",2022,1011),
(88,"Savita","Suna","Soham@gmail.com","19076605555","BSC",2023,1011),
(89,"Rajesh","Khanra","Ajith@gmail.com","42288451180","BE",2021,1011),
(90,"Santosh","Modak","Abhi@gmail.com","6552984040","BSC",2023,1012),
(91,"Lalita","Guha","Pratik@gmail.com","27967876225","BCOM",2020,1012),
(92,"Suman","Ramteke","Rishab@gmail.com","6812023628","BE",2021,1012),
(93,"Suresh","Paik","Virat@gmail.com","7295015429","BSC",2021,1012),
(94,"Sunita","Sadhukhan","Shreyas@gmail.com","6195108224","BE",2021,1012),
(95,"Mina","Taka","Bumrah@gmail.com","0812097892","BCOM",2022,1012),
(96,"Abdul","More","Jay@gmail.com","0711901759","BE",2021,1013),

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(97,"Santosh","Gharami","Tanu@gmail.com","8867370401","BE",2022,1013),
(98,"Mohammed","Svarup","Smriti@gmail.com","9588570320","BCOM",2020,1013),
(99,"Suresh","Kundu","Radha@gmail.com","8715232080","BCOM",2018,1013),
(100,"Mohammad","Sawant","Pooja@gmail.com","2994827785","BSC",2021,1014),
(101,"Raj","Saikia","Diya@gmail.com","48560188471","BSC",2022,1014),
(102,"Dinesh","Tyagi","Divya@gmail.com","0454007167","BE",2021,1014),
(103,"Dinesh","Kisku","Prachi@gmail.com","5214148932","BSC",2023,1014),
(104,"Savita","Basu","Arti@gmail.com","03640872781","BSC",2024,1014),
(105,"Sam","Rabha","Sam@gmail.com","0348273907","BCOM",2022,1014),
(106,"Gita","Subba","Mitali@gmail.com","7738346301","BE",2023,1014),
(107,"Shankar","Debbarma","Ajeet@gmail.com","7228756301","BE",2023,1014),
(108,"Maya","Fatma","Atul@gmail.com","1138756301","BE",2023,1014),
(109,"Karan","Adhikary","Karan@gmail.com","7738751201","BE",2023,1014),
(110,"Paras","Kothari","Paras@gmail.com","3438756301","BE",2023,1014);

○ admission:

insert into admission values

(100001,1,"2024-1-1","Full Stack Developement",401),
(100002,2,"2024-1-3","Data Science & Analytics with AI Curriculum",401),
(100003,3,"2024-1-5","Full Stack Developement",401),
(100004,4,"2024-1-2","Data Software Engineer",401),
(100005,5,"2024-1-3","Full Stack Developement",401),
(100006,6,"2024-1-1","AWS Cloud Technology Curriculum",401),
(100007,7,"2024-1-1","Full Stack Developement",401),
(100008,8,"2024-1-5","Full Stack Developement",401),
(100009,9,"2024-1-10","Full Stack Developement",401),
(100010,10,"2024-1-11","Data Software Engineer",401),
(100011,11,"2024-1-7","Data Software Engineer",401),
(100012,12,"2024-1-5","Data Science & Analytics with AI Curriculum",402),
(100013,13,"2024-1-7","AWS Cloud Technology Curriculum",402),
(100014,14,"2024-1-7","Data Software Engineer",402),
(100015,15,"2024-1-7","Full Stack Developement",402),
(100016,16,"2024-1-7","Data Software Engineer",402),
(100017,17,"2024-1-7","Full Stack Developement",402),
(100018,18,"2024-1-13","Data Science & Analytics with AI Curriculum",402),
(100019,19,"2024-1-16","Full Stack Developement",402),
(100020,20,"2024-1-16","Data Software Engineer",402),
(100021,21,"2023-12-1","Data Software Engineer",403),
(100022,22,"2023-12-2","Full Stack Developement",403),
(100023,23,"2023-12-6","Full Stack Developement",403),
(100024,24,"2023-12-8","Data Software Engineer",403),

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(100025,25,"2023-12-4","Data Software Engineer",403),
(100026,26,"2023-12-3","Full Stack Developement",403),
(100027,27,"2023-12-3","Data Software Engineer",403),
(100028,28,"2023-12-3","Full Stack Developement",404),
(100029,29,"2023-12-2","Data Science & Analytics with AI Curriculum",404),
(100030,30,"2023-12-8","Data Software Engineer",404),
(100031,31,"2023-12-16","Data Software Engineer",404),
(100032,32,"2023-12-23","Data Software Engineer",404),
(100033,33,"2023-12-26","Full Stack Developement",404),
(100034,34,"2023-12-27","Full Stack Developement",404),
(100035,35,"2023-8-1","Full Stack Developement",404),
(100036,36,"2023-8-1","AWS Cloud Technology Curriculum",405),
(100037,37,"2023-8-6","Full Stack Developement",405),
(100038,38,"2023-8-8","Data Software Engineer",405),
(100039,39,"2023-8-9","Data Software Engineer",405),
(100040,40,"2023-8-10","Full Stack Developement",405),
(100041,41,"2023-8-22","Data Software Engineer",405),
(100042,42,"2023-8-26","Data Software Engineer",405),
(100043,43,"2023-8-25","Full Stack Developement",405),
(100044,44,"2023-8-22","Data Software Engineer",405),
(100045,45,"2023-8-21","Data Science & Analytics with AI Curriculum",406),
(100046,46,"2023-8-12","Full Stack Developement",406),
(100047,47,"2023-5-7","Full Stack Developement",406),
(100048,48,"2023-5-5","Data Software Engineer",406),
(100049,49,"2023-5-9","Data Software Engineer",406),
(100050,50,"2023-5-10","AWS Cloud Technology Curriculum",407),
(100051,51,"2023-5-13","Full Stack Developement",407),
(100052,52,"2023-5-2","Data Software Engineer",407),
(100053,53,"2023-5-30","Full Stack Developement",407),
(100054,54,"2023-5-1","Data Software Engineer",407),
(100055,55,"2023-5-1","Data Science & Analytics with AI Curriculum",407),
(100056,56,"2024-1-1","Full Stack Developement",408),
(100057,57,"2024-1-3","Data Science & Analytics with AI Curriculum",408),
(100058,58,"2024-1-5","Full Stack Developement",408),
(100059,59,"2024-1-2","Data Software Engineer",408),
(100060,60,"2024-1-3","Full Stack Developement",408),
(100061,61,"2024-1-1","AWS Cloud Technology Curriculum",409),
(100062,62,"2024-1-1","Full Stack Developement",409),
(100063,63,"2024-1-5","Full Stack Developement",409),
(100064,64,"2024-1-10","Full Stack Developement",409),
(100065,65,"2024-1-11","Data Software Engineer",410),
(100066,66,"2024-1-7","Data Software Engineer",410),
(100067,67,"2024-1-5","Data Science & Analytics with AI Curriculum",410),

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(100068,68,"2024-1-7","AWS Cloud Technology Curriculum",410),
(100069,69,"2024-1-7","Data Software Engineer",411),
(100070,70,"2024-1-7","Full Stack Development",412),
(100071,71,"2024-1-7","Data Software Engineer",413),
(100072,72,"2024-1-7","Full Stack Development",414),
(100073,73,"2024-1-13","Data Science & Analytics with AI Curriculum",415),
(100074,74,"2024-1-16","Full Stack Development",415),
(100075,75,"2024-1-16","Data Software Engineer",415),
(100076,76,"2023-12-1","Data Software Engineer",415),
(100077,77,"2023-12-2","Full Stack Development",415),
(100078,78,"2023-12-6","Full Stack Development",415),
(100079,79,"2023-12-8","Data Software Engineer",415),
(100080,80,"2023-12-4","Data Software Engineer",416),
(100081,81,"2023-12-3","Full Stack Development",416),
(100082,82,"2023-12-3","Data Software Engineer",416),
(100083,83,"2023-12-3","Full Stack Development",416),
(100084,84,"2023-12-2","Data Science & Analytics with AI Curriculum",416),
(100085,85,"2023-12-8","Data Software Engineer",416),
(100086,86,"2023-12-16","Data Software Engineer",416),
(100087,87,"2023-12-23","Data Software Engineer",417),
(100088,88,"2023-12-26","Full Stack Development",417),
(100089,89,"2023-12-27","Full Stack Development",417),
(100090,90,"2023-8-1","Full Stack Development",417),
(100091,91,"2023-8-1","AWS Cloud Technology Curriculum",418),
(100092,92,"2023-8-6","Full Stack Development",419),
(100093,93,"2023-8-8","Data Software Engineer",420),
(100094,94,"2023-8-9","Data Software Engineer",421),
(100095,95,"2023-8-10","Full Stack Development",422),
(100096,96,"2023-8-22","Data Software Engineer",423),
(100097,97,"2023-8-26","Data Software Engineer",423),
(100098,98,"2023-8-25","Full Stack Development",423),
(100099,99,"2023-8-22","Data Software Engineer",423),
(100100,100,"2023-8-21","Data Science & Analytics with AI Curriculum",424),
(100101,101,"2023-8-12","Full Stack Development",424),
(100102,102,"2023-5-7","Full Stack Development",424),
(100103,103,"2023-5-5","Data Software Engineer",424),
(100104,104,"2023-5-9","Data Software Engineer",424),
(100105,105,"2023-5-10","AWS Cloud Technology Curriculum",425),
(100106,106,"2023-5-13","Full Stack Development",425),
(100107,107,"2023-5-2","Data Software Engineer",425),
(100108,108,"2023-5-30","Full Stack Development",425),
(100109,109,"2023-5-1","Data Software Engineer",425),
(100110,110,"2023-5-1","Data Science & Analytics with AI Curriculum",425);

• Queries

○ Joins:

1.Show student details along with their coordinator name.

select

concat(s.f_name , " " , s.l_name),s.email,s.ph_no,c.c_name

from student_info s inner join coordinator c

on s.c_id = c.c_id;

concat(s.f_name , " " , s.l_name)	email	ph_no	c_name
Rahul Agarwal	Rahul@gmail.com	9936458614	Ashwini Sable
Abhishek Ahuja	Abhishek@gmail.com	0520247293	Ashwini Sable
Aditya Apte	Aditya@gmail.com	9887662982	Ashwini Sable
Amit Babu	Amit@gmail.com	6869667930	Ashwini Sable
Mahesh Basu	Mahesh@gmail.com	8910821862	Ashwini Sable
Rohit Batra	Rohit@gmail.com	2923415612	Ashwini Sable
Yash Bedi	Yash@gmail.com	6805974275	Ashwini Sable
Ankit Agarwal	Ankit@gmail.com	8380712682	Ashwini Sable
Shyam More	Shyam@gmail.com	5304072160	Ashwini Sable
Deepak More	Deepak@gmail.com	3169104514	Ashwini Sable
Aryan Bhatt	Aryan@gmail.com	1575371522	Ashwini Sable
Raj Jadhav	Raj@gmail.com	5688757032	Ashwini Sable
Arjun Sawant	Arjun@gmail.com	9140557224	Ashwini Sable
Manoj More	Manoj@gmail.com	0290728921	Ashwini Sable
priya More	priya@gmail.com	4827352756	Ashwini Sable
Tanya Apte	Tanya@gmail.com	1028536626	Ashwini Sable
Priyanka More	Priyanka@gmail.com	8855942081	Ashwini Sable
Divya Ahuja	Divya@gmail.com	2432868179	Shruti Dabke
Tanvi Babu	Tanvi@gmail.com	1068684210	Shruti Dabke
Ishita Jadhav	Ishita@gmail.com	3842559984	Shruti Dabke
Vani More	Vani@gmail.com	6988087182	Shruti Dabke
Anjali Agarwal	Anjali@gmail.com	3986035376	Shruti Dabke
Shreya More	Shreya@gmail.com	3605031062	Shruti Dabke
Riya Basu	Riya@gmail.com	1818791056	Shruti Dabke
Sneha Sawant	Sneha@gmail.com	3593137640	Shruti Dabke
Gayatri Bhatt	Gayatri@gmail.com	9099012225	Shruti Dabke
Varsha Batra	Varsha@gmail.com	2015863235	Shruti Dabke
Ira More	Ira@gmail.com	0714791644	Shruti Dabke
Sanjana Jadhav	Sanjana@gmail.com	9782134617	Shruti Dabke

Nikita Ahuja	Nikita@gmail.com	5922055243	Shruti Dabke
Vivek More	Vivek@gmail.com	4353438175	Shruti Dabke
Parth Sawant	Parth@gmail.com	0502501223	Shruti Dabke
Soham Agarwal	Soham@gmail.com	2772955218	Shruti Dabke
Ajith More	Ajith@gmail.com	3241342288	Hina Mandhana
Abhi Apte	Abhi@gmail.com	6552984040	Hina Mandhana
Pratik More	Pratik@gmail.com	7034283698	Hina Mandhana
Rishab Basu	Rishab@gmail.com	6812023628	Hina Mandhana
Virat Babu	Virat@gmail.com	7295015429	Hina Mandhana
Shreyas More	Shreyas@gmail.com	6195108224	Hina Mandhana
Bumrah Ahuja	Bumrah@gmail.com	0812097892	Hina Mandhana
Jay More	Jay@gmail.com	0711901759	Hina Mandhana
Tanu Jadhav	Tanu@gmail.com	8867370401	priti Sholay
Smriti Bedi	Smriti@gmail.com	9588570320	priti Sholay
Radha Bhatt	Radha@gmail.com	8715232080	priti Sholay
Pooja Sawant	Pooja@gmail.com	2994827785	Harman Kohli
Diya Agarwal	Diya@gmail.com	9026748974	Harman Kohli
Divya More	Divya@gmail.com	0454007167	Harman Kohli
Prachi Batra	Prachi@gmail.com	5214148932	Shilpi Mohite
Arti Basu	Arti@gmail.com	3445976861	Shilpi Mohite
Sam Jadhav	Sam@gmail.com	0348273907	Shilpi Mohite
Mitali Ahuja	Mitali@gmail.com	7738346301	Radha Yadav
Ajeet Bedi	Ajeet@gmail.com	7228756301	Radha Yadav
Atul Babu	Atul@gmail.com	1138756301	Radha Yadav
Karan Agarwal	Karan@gmail.com	7738751201	Radha Yadav
Paras Apte	Paras@gmail.com	3438756301	Radha Yadav
Mohammad Akhter	Rahul@gmail.com	89384826849	Deepti Sharma
Rina A	Abhishek@gmail.com	78919823113	Deepti Sharma
Vijay Pancel	Aditya@gmail.com	01134128669	Deepti Sharma
Krishna Malhotra	Amit@gmail.com	41541925006	Deepti Sharma
Rajesh Mamidi	Mahesh@gmail.com	36752134197	Deepti Sharma
Sangita Bisht	Rohit@gmail.com	16120557974	Deepti Sharma
Mohammed Nikam	Yash@gmail.com	03475024855	Deepti Sharma

Ambulance Booking System

Sushila Lepcha	Ankit@gmail.com	86814764989	Pooja Vatsrakar
Mina Islam	Shyam@gmail.com	5304072160	Pooja Vatsrakar
Lakshmi Swami	Deepak@gmail.com	3169104514	Pooja Vatsrakar
Manoj Vasav	Aryan@gmail.com	1575371522	Pooja Vatsrakar
Sri Dutt	Raj@gmail.com	89114720063	Pooja Vatsrakar
Mo Konwar	Arjun@gmail.com	33626770845	Pooja Vatsrakar
Anil Marathe	Manoj@gmail.com	46120970987	Pooja Vatsrakar
Abdul Karri	priya@gmail.com	4827352756	Pooja Vatsrakar
Munni Lyngdoh	Tanya@gmail.com	1028536626	Pooja Vatsrakar
Pushpa Rao	Priyanka@gmail.com	74323338624	Pooja Vatsrakar
Sunil Qureshi	Divya@gmail.com	2432868179	Shefali Verma
Suresh Babu	Tanvi@gmail.com	1068684210	Shefali Verma
Mohammad Thapa	Ishita@gmail.com	3842559984	Shefali Verma
Sanjay Khairnar	Vani@gmail.com	73311370494	Shefali Verma
Rani Chowdhuri	Anjali@gmail.com	3986035376	Shefali Verma
Raj Bhuyan	Shreya@gmail.com	3605031062	Rajeshwari Gaikwad
Raj George	Riya@gmail.com	1818791056	Rajeshwari Gaikwad
Pushpa Dehuri	Sneha@gmail.com	07411038922	Rajeshwari Gaikwad
Sanjay Bind	Gayatri@gmail.com	9099012225	Rajeshwari Gaikwad
Ram Deshmukh	Varsha@gmail.com	2015863235	Rajeshwari Gaikwad
Anita Kaushik	Ira@gmail.com	0714791644	Rajeshwari Gaikwad
Vijay Jadhav	Sanjana@gmail.com	9782134617	Rajeshwari Gaikwad
Nikita Rabidas	Nikita@gmail.com	5922055243	Rajeshwari Gaikwad
Sunita More	Vivek@gmail.com	98461489039	Antra Sawant
Maya Patal	Parth@gmail.com	0502501223	Antra Sawant
Savita Suna	Soham@gmail.com	19076605555	Antra Sawant
Rajesh Khanra	Ajith@gmail.com	42288451180	Antra Sawant
Santosh Modak	Abhi@gmail.com	6552984040	Arya Sawant
Lalita Guha	Pratik@gmail.com	27967876225	Arya Sawant
Suman Ramteke	Rishab@gmail.com	6812023628	Arya Sawant
Suresh Paik	Virat@gmail.com	7295015429	Arya Sawant
Sunita Sadhukhan	Shreyas@gmail.com	6195108224	Arya Sawant
Mina Taka	Bumrah@gmail.com	0812097892	Arya Sawant
Abdul More	Jay@gmail.com	0711901759	Manjusha Jadhav

Santosh Gharami	Tanu@gmail.com	8867370401	Manjusha Jadhav
Mohammed Svarup	Smriti@gmail.com	9588570320	Manjusha Jadhav
Suresh Kundu	Radha@gmail.com	8715232080	Manjusha Jadhav
Mohammad Sawant	Pooja@gmail.com	2994827785	Ishita More
Raj Saikia	Diya@gmail.com	48560188471	Ishita More
Dinesh Tyagi	Divya@gmail.com	0454007167	Ishita More
Dinesh Kisku	Prachi@gmail.com	5214148932	Ishita More
Savita Basu	Arti@gmail.com	03640872781	Ishita More
Sam Rabha	Sam@gmail.com	0348273907	Ishita More
Gita Subba	Mitali@gmail.com	7738346301	Ishita More
Shankar Debbarma	Ajeet@gmail.com	7228756301	Ishita More
Maya Fatma	Atul@gmail.com	1138756301	Ishita More
Karan Adhikary	Karan@gmail.com	7738751201	Ishita More
Paras Kothari	Paras@gmail.com	3438756301	Ishita More

2. Show student details along with its faculty info and batch info.

```
select
concat(s.f_name," ",s.l_name),s.email,b.name,t.name
from student_info s inner join admission a
inner join batch_info b inner join teacher_info t
on s.s_id = a.s_id and a.b_id = b.b_id and b.t_id = t.t_id;
```

concat(s.f_name," ",s.l_name)	email	name	name
Rahul Agarwal	Rahul@gmail.com	T419	Rajesh Vishwakarma
Abhishek Ahuja	Abhishek@gmail.com	T419	Rajesh Vishwakarma
Aditya Apte	Aditya@gmail.com	T419	Rajesh Vishwakarma
Amit Babu	Amit@gmail.com	T419	Rajesh Vishwakarma
Mahesh Basu	Mahesh@gmail.com	T419	Rajesh Vishwakarma
Rohit Batra	Rohit@gmail.com	T419	Rajesh Vishwakarma
Yash Bedi	Yash@gmail.com	T419	Rajesh Vishwakarma
Ankit Agarwal	Ankit@gmail.com	T419	Rajesh Vishwakarma
Shyam More	Shyam@gmail.com	T419	Rajesh Vishwakarma
Deepak More	Deepak@gmail.com	T419	Rajesh Vishwakarma
Aryan Bhatt	Aryan@gmail.com	T419	Rajesh Vishwakarma
Raj Jadhav	Raj@gmail.com	T420	Swati Verma
Arjun Sawant	Arjun@gmail.com	T420	Swati Verma
Manoj More	Manoj@gmail.com	T420	Swati Verma
priya More	priya@gmail.com	T420	Swati Verma
Tanya Apte	Tanya@gmail.com	T420	Swati Verma
Priyanka More	Priyanka@gmail.com	T420	Swati Verma
Divya Ahuja	Divya@gmail.com	T420	Swati Verma
Tanvi Babu	Tanvi@gmail.com	T420	Swati Verma
Ishita Jadhav	Ishita@gmail.com	T420	Swati Verma
Vani More	Vani@gmail.com	T421	Swati Verma
Anjali Agarwal	Anjali@gmail.com	T421	Swati Verma
Shreya More	Shreya@gmail.com	T421	Swati Verma
Riya Basu	Riya@gmail.com	T421	Swati Verma
Sneha Sawant	Sneha@gmail.com	T421	Swati Verma
Gayatri Bhatt	Gayatri@gmail.com	T421	Swati Verma
Varsha Batra	Varsha@gmail.com	T421	Swati Verma
Ira More	Ira@gmail.com	T422	Rajesh Vishwakarma

Sanjana Jadhav	Sanjana@gmail.com	T422	Rajesh Vishwakarma
Nikita Ahuja	Nikita@gmail.com	T422	Rajesh Vishwakarma
Vivek More	Vivek@gmail.com	T422	Rajesh Vishwakarma
Parth Sawant	Parth@gmail.com	T422	Rajesh Vishwakarma
Soham Agarwal	Soham@gmail.com	T422	Rajesh Vishwakarma
Ajith More	Ajith@gmail.com	T422	Rajesh Vishwakarma
Abhi Apte	Abhi@gmail.com	T422	Rajesh Vishwakarma
Pratik More	Pratik@gmail.com	T423	Yogesh Pingle
Rishab Basu	Rishab@gmail.com	T423	Yogesh Pingle
Virat Babu	Virat@gmail.com	T423	Yogesh Pingle
Shreyas More	Shreyas@gmail.com	T423	Yogesh Pingle
Bumrah Ahuja	Bumrah@gmail.com	T423	Yogesh Pingle
Jay More	Jay@gmail.com	T423	Yogesh Pingle
Tanu Jadhav	Tanu@gmail.com	T423	Yogesh Pingle
Smriti Bedi	Smriti@gmail.com	T423	Yogesh Pingle
Radha Bhatt	Radha@gmail.com	T423	Yogesh Pingle
Pooja Sawant	Pooja@gmail.com	T424	Sai Patil
Diya Agarwal	Diya@gmail.com	T424	Sai Patil
Divya More	Divya@gmail.com	T424	Sai Patil
Prachi Batra	Prachi@gmail.com	T424	Sai Patil
Arti Basu	Arti@gmail.com	T424	Sai Patil
Sam Jadhav	Sam@gmail.com	T425	Sai Patil
Mitali Ahuja	Mitali@gmail.com	T425	Sai Patil
Ajeet Bedi	Ajeet@gmail.com	T425	Sai Patil
Atul Babu	Atul@gmail.com	T425	Sai Patil
Karan Agarwal	Karan@gmail.com	T425	Sai Patil
Paras Apte	Paras@gmail.com	T425	Sai Patil
Mohammad Akhter	Rahul@gmail.com	T426	Rajesh Vishwakarma
Rina A	Abhishek@gmail.com	T426	Rajesh Vishwakarma
Vijay Panchal	Aditya@gmail.com	T426	Rajesh Vishwakarma
Krishna Malhotra	Amit@gmail.com	T426	Rajesh Vishwakarma
Rajesh Mamidi	Mahesh@gmail.com	T426	Rajesh Vishwakarma
Sangita Bisht	Rohit@gmail.com	T427	Rajesh Vishwakarma

Ambulance Booking System

Mohammed Nikam	Yash@gmail.com	T427	Rajesh Vishwakarma
Sushila Lepcha	Ankit@gmail.com	T427	Rajesh Vishwakarma
Mina Islam	Shyam@gmail.com	T427	Rajesh Vishwakarma
Lakshmi Swami	Deepak@gmail.com	T428	Yogesh Pingle
Manoj Vasav	Aryan@gmail.com	T428	Yogesh Pingle
Sri Dutt	Raj@gmail.com	T428	Yogesh Pingle
Mo Konwar	Arjun@gmail.com	T428	Yogesh Pingle
Anil Marathe	Manoj@gmail.com	T429	Sai Patil
Abdul Karri	priya@gmail.com	T430	Rajesh Vishwakarma
Munni Lyngdoh	Tanya@gmail.com	B419	Bharti Singh
Pushpa Rao	Priyanka@gmail.com	B420	Vaishali Jadhav
Sunil Qureshi	Divya@gmail.com	B421	Adnan Khan
Suresh Babu	Tanvi@gmail.com	B421	Adnan Khan
Mohammad Thapa	Ishita@gmail.com	B421	Adnan Khan
Sanjay Khairnar	Vani@gmail.com	B421	Adnan Khan
Rani Chowdhuri	Anjali@gmail.com	B421	Adnan Khan
Raj Bhuyan	Shreya@gmail.com	B421	Adnan Khan
Raj George	Riya@gmail.com	B421	Adnan Khan
Pushpa Dehuri	Sneha@gmail.com	B422	Anagha Patil
Sanjay Bind	Gayatri@gmail.com	B422	Anagha Patil
Ram Deshmukh	Varsha@gmail.com	B422	Anagha Patil
Anita Kaushik	Ira@gmail.com	B422	Anagha Patil
Vijay Jadhav	Sanjana@gmail.com	B422	Anagha Patil
Nikita Rabidas	Nikita@gmail.com	B422	Anagha Patil
Sunita More	Vivek@gmail.com	B422	Anagha Patil
Maya Patal	Parth@gmail.com	B423	Bharti Singh
Savita Suna	Soham@gmail.com	B423	Bharti Singh
Rajesh Khanra	Ajith@gmail.com	B423	Bharti Singh
Santosh Modak	Abhi@gmail.com	B423	Bharti Singh
Lalita Guha	Pratik@gmail.com	B424	Anagha Patil
Suman Ramteke	Rishab@gmail.com	B425	Rohit Verma
Suresh Paik	Virat@gmail.com	B426	Vaishali Jadhav
Sunita Sadhukhan	Shreyas@gmail.com	B427	Bharti Singh
Mina Taka	Bumrah@gmail.com	B428	Rajesh Vishwakarma
Abdul More	Jay@gmail.com	B429	Rajesh Vishwakarma
Santosh Gharami	Tanu@gmail.com	B429	Rajesh Vishwakarma
Mohammed Svarup	Smriti@gmail.com	B429	Rajesh Vishwakarma
Suresh Kundu	Radha@gmail.com	B429	Rajesh Vishwakarma
Mohammad Sawant	Pooja@gmail.com	B430	Anagha Patil
Raj Saikia	Diya@gmail.com	B430	Anagha Patil
Dinesh Tyagi	Divya@gmail.com	B430	Anagha Patil
Dinesh Kisku	Prachi@gmail.com	B430	Anagha Patil
Savita Basu	Arti@gmail.com	B430	Anagha Patil
Sam Rabha	Sam@gmail.com	A419	Rajesh Vishwakarma
Gita Subba	Mitali@gmail.com	A419	Rajesh Vishwakarma
Shankar Debbarma	Ajeet@gmail.com	A419	Rajesh Vishwakarma
Maya Fatma	Atul@gmail.com	A419	Rajesh Vishwakarma
Karan Adhikary	Karan@gmail.com	A419	Rajesh Vishwakarma
Paras Kothari	Paras@gmail.com	A419	Rajesh Vishwakarma

3. Get Student Details who are in Full Stack Development Course.

Select

concat(s.f_name," ",s.l_name),s.education,s.passout_year,a.admission_date

from student_info s inner join admission a

on s.s_id = a.s_id

where a.course = "Full Stack Development";

concat(s.f_name," ",s.l_name)	education	passout_year	admission_date
Rahul Agarwal	BCOM	2021	2024-01-01
Aditya Apte	BE	2022	2024-01-05
Mahesh Basu	BCOM	2021	2024-01-03
Yash Bedi	BE	2022	2024-01-01
Ankit Agarwal	BCOM	2021	2024-01-05
Shyam More	BE	2020	2024-01-10
priya More	BE	2022	2024-01-07
Priyanka More	BE	2022	2024-01-07
Tanvi Babu	BE	2021	2024-01-16
Anjali Agarwal	BE	2021	2023-12-02
Shreya More	BE	2021	2023-12-06
Gayatri Bhatt	BSC	2023	2023-12-03
Ira More	BE	2020	2023-12-03
Soham Agarwal	BSC	2023	2023-12-26
Ajith More	BE	2021	2023-12-27
Abhi Apte	BSC	2023	2023-08-01
Rishab Basu	BE	2021	2023-08-06
Bumrah Ahuja	BCOM	2022	2023-08-10
Smriti Bedi	BCOM	2020	2023-08-25
Diya Agarwal	BSC	2022	2023-08-12
Divya More	BE	2021	2023-05-07
Mitali Ahuja	BE	2023	2023-05-13
Atul Babu	BE	2023	2023-05-30
Mohammad Akhter	BCOM	2021	2024-01-01
Vijay Panchal	BE	2022	2024-01-05
Rajesh Mamidi	BCOM	2021	2024-01-03
Mohammed Nikam	BE	2022	2024-01-01
Sushila Lepcha	BCOM	2021	2024-01-05
Mina Islam	BE	2020	2024-01-10
Abdul Karri	BE	2022	2024-01-07
Pushpa Rao	BE	2022	2024-01-07
Suresh Babu	BE	2021	2024-01-16
Rani Chowdhuri	BE	2021	2023-12-02
Raj Bhuyan	BE	2021	2023-12-06
Sanjay Bind	BSC	2023	2023-12-03
Anita Kaushik	BE	2020	2023-12-03
Savita Suna	BSC	2023	2023-12-26
Rajesh Khanra	BE	2021	2023-12-27
Santosh Modak	BSC	2023	2023-08-01
Suman Ranteke	BE	2021	2023-08-06
Mina Taka	BCOM	2022	2023-08-10
Mohammed Svarup	BCOM	2020	2023-08-25
Raj Saikia	BSC	2022	2023-08-12
Dinesh Tyagi	BE	2021	2023-05-07
Gita Subba	BE	2023	2023-05-13
Maya Fatma	BE	2023	2023-05-30

4. Get Student name under coordinator Ashwini Sable.

```
select  
concat(s.f_name," ",s.l_name)  
from student_info s inner join coordinator c  
on s.c_id = c.c_id  
where c.c_name="ashwini sable";
```

```
+-----+  
| concat(s.f_name," ",s.l_name) |  
+-----+  
| Rahul Agarwal  
| Abhishek Ahuja  
| Aditya Apte  
| Amit Babu  
| Mahesh Basu  
| Rohit Batra  
| Yash Bedi  
| Ankit Agarwal  
| Shyam More  
| Deepak More  
| Aryan Bhatt  
| Raj Jadhav  
| Arjun Sawant  
| Manoj More  
| priya More  
| Tanya Apte  
| Priyanka More  
+-----+
```

5. Get Student details who pursued BE and applied for AWS course.

```
select  
concat(s.f_name," ",s.l_name)  
from student_info s inner join admission a  
on s.s_id = a.s_id  
where  
a.course="AWS Cloud Technology Curriculum" and s.education = "BCOM";
```

```
+-----+  
| concat(s.f_name," ",s.l_name) |  
+-----+  
| Arjun Sawant                   |  
| Pratik More                   |  
| Sam Jadhav                    |  
| Mo Konwar                     |  
| Lalita Guha                   |  
| Sam Rabha                     |  
+-----+
```

6. Find the details of student who taught by Rajesh Vishwakarma.

```

select
concat(s.f_name," ",s.l_name),b.name
from student_info s inner join admission a
inner join batch_info b inner join teacher_info t
on s.s_id = a.s_id and a.b_id = b.b_id and b.t_id = t.t_id
where
t.name = "Rajesh Vishwakarma";

```

concat(s.f_name," ",s.l_name)	name
Rahul Agarwal	T419
Abhishek Ahuja	T419
Aditya Apte	T419
Amit Babu	T419
Mahesh Basu	T419
Rohit Batra	T419
Yash Bedi	T419
Ankit Agarwal	T419
Shyam More	T419
Deepak More	T419
Aryan Bhatt	T419
Ira More	T422
Sanjana Jadhav	T422
Nikita Ahuja	T422
Vivek More	T422
Parth Sawant	T422
Soham Agarwal	T422
Ajith More	T422
Abhi Apte	T422
Mohammad Akhter	T426
Rina A	T426
Vijay Panchal	T426
Krishna Malhotra	T426
Rajesh Mamidi	T426
Sangita Bisht	T427
Mohammed Nikam	T427
Sushila Lepcha	T427
Mina Islam	T427

Abdul Karri	T430
Mina Taka	B428
Abdul More	B429
Santosh Gharami	B429
Mohammed Svarup	B429
Suresh Kundu	B429
Sam Rabha	A419
Gita Subba	A419
Shankar Debbarma	A419
Maya Fatma	A419
Karan Adhikary	A419
Paras Kothari	A419

○ Sub Query:

1. **Get the coordinator details who handle most number of students.**

```
select
c_name from coordinator
where
c_id = (select a.c_id from (select c_id,max(t.r_n)
from (select c_id,row_number() over(partition by c_id) as r_n
from student_info) t) a);
```

c_name
Ashwini Sable

2. **Get the details of student who are in batch T419,T422.**

```
select
* from student_info
where s_id in
(select s_id from admission where b_id in
(select b_id from batch_info where name = "b419" or name = "b422"))
order by education;
```

s_id	f_name	l_name	email	ph_no	education	passout_year	c_id
86	Sunita	More	Vivek@gmail.com	98461489039	BCOM	2022	1011
82	Ram	Deshmukh	Varsha@gmail.com	2015863235	BCOM	2021	1010
83	Anita	Kaushik	Ira@gmail.com	0714791644	BE	2020	1010
80	Pushpa	Dehuri	Sneha@gmail.com	07411038922	BE	2021	1010
71	Munni	Lyngdoh	Tanya@gmail.com	1028536626	BSC	2022	1008
81	Sanjay	Bind	Gayatri@gmail.com	9099012225	BSC	2023	1010
85	Nikita	Rabidas	Nikita@gmail.com	5922055243	BSC	2023	1010
84	Vijay	Jadhav	Sanjana@gmail.com	9782134617	BSC	2022	1010

2. Find details of student who got admission in 2024.

```
select
concat(f_name," ",l_name) as Full_Name,ph_no
from student_info where s_id in
(select s_id from admission
where year(admission_date) = 2024);
```

Full_Name	ph_no
Rahul Agarwal	9936458614
Abhishek Ahuja	0520247293
Aditya Apte	9887662982
Amit Babu	6869667930
Mahesh Basu	8910821862
Rohit Batra	2923415612
Yash Bedi	6805974275
Ankit Agarwal	8380712682
Shyam More	5304072160
Deepak More	3169104514
Aryan Bhatt	1575371522
Raj Jadhav	5688757032
Arjun Sawant	9140557224
Manoj More	0290728921
priya More	4827352756
Tanya Apte	1028536626
Priyanka More	8855942081
Divya Ahuja	2432868179
Tanvi Babu	1068684210
Ishita Jadhav	3842559984
Mohammad Akhter	89384826849
Rina A	78919823113
Vijay Pancal	01134128669
Krishna Malhotra	41541925006
Rajesh Mamidi	36752134197
Sangita Bisht	16120557974
Mohammed Nikam	03475024855
Sushila Lepcha	86814764989
Mina Islam	5304072160

Lakshmi Swami	3169104514
Manoj Vasav	1575371522
Sri Dutt	89114720063
Mo Konwar	33626770845
Anil Marathe	46120970987
Abdul Karri	4827352756
Munni Lyngdoh	1028536626
Pushpa Rao	74323338624
Sunil Qureshi	2432868179
Suresh Babu	1068684210
Mohammad Thapa	3842559984

4. Get the batch info who has student less than 3.

```
select  
b_id,name from batch_info  
where b_id in  
(select b_id from admission group by b_id having count(b_id)<3);
```

b_id	name
411	T429
412	T430
413	B419
414	B420
418	B424
419	B425
420	B426
421	B427
422	B428

5. Get the student data pursued bcom and are in full stack Development course.

```
select
concat(f_name," ",l_name) as Full_Name,ph_no
from student_info
where
education = "BCOM" and s_id in
(select s_id from admission where course = "Full Stack Developement");
```

Full_Name	ph_no
Rahul Agarwal	9936458614
Mahesh Basu	8910821862
Ankit Agarwal	8380712682
Bumrah Ahuja	0812097892
Smriti Bedi	9588570320
Mohammad Akhter	89384826849
Rajesh Mamidi	36752134197
Sushila Lepcha	86814764989
Mina Taka	0812097892
Mohammed Svarup	9588570320

6. Get the student details who studies under Rajesh Vishwakarma.

```

select
* from student_info
where s_id in
(select s_id from admission where b_id in
(select b_id from batch_info where t_id =
(select t_id from teacher_info where name = "Rajesh Vishwakarma")));

```

s_id	f_name	l_name	email	ph_no	education	passout_year	c_id
1	Rahul	Agarwal	Rahul@gmail.com	9936458614	BCOM	2021	1000
2	Abhishek	Ahuja	Abhishek@gmail.com	0520247293	BCOM	2021	1000
3	Aditya	Apte	Aditya@gmail.com	9887662982	BE	2022	1000
4	Amit	Babu	Amit@gmail.com	6869667930	BE	2023	1000
5	Mahesh	Basu	Mahesh@gmail.com	8910821862	BCOM	2021	1000
6	Rohit	Batra	Rohit@gmail.com	2923415612	BSC	2022	1000
7	Yash	Bedi	Yash@gmail.com	6805974275	BE	2022	1000
8	Ankit	Agarwal	Ankit@gmail.com	8380712682	BCOM	2021	1000
9	Shyam	More	Shyam@gmail.com	5304072160	BE	2020	1000
10	Deepak	More	Deepak@gmail.com	3169104514	BCOM	2021	1000
11	Aryan	Bhatt	Aryan@gmail.com	1575371522	BSC	2022	1000
28	Ira	More	Ira@gmail.com	0714791644	BE	2020	1001
29	Sanjana	Jadhav	Sanjana@gmail.com	9782134617	BSC	2022	1001
30	Nikita	Ahuja	Nikita@gmail.com	5922055243	BSC	2023	1001
31	Vivek	More	Vivek@gmail.com	4353438175	BCOM	2022	1001
32	Parth	Sawant	Parth@gmail.com	0502501223	BSC	2022	1001
33	Soham	Agarwal	Soham@gmail.com	2772955218	BSC	2023	1001
34	Ajith	More	Ajith@gmail.com	3241342288	BE	2021	1002
35	Abhi	Apte	Abhi@gmail.com	6552984040	BSC	2023	1002
56	Mohammad	Akhter	Rahul@gmail.com	89384826849	BCOM	2021	1007
57	Rina	A	Abhishek@gmail.com	78919823113	BCOM	2021	1007
58	Vijay	Pancal	Aditya@gmail.com	01134128669	BE	2022	1007
59	Krishna	Malhotra	Amit@gmail.com	41541925006	BE	2023	1007
60	Rajesh	Mamidi	Mahesh@gmail.com	36752134197	BCOM	2021	1007
61	Sangita	Bisht	Rohit@gmail.com	16120557974	BSC	2022	1007
62	Mohammed	Nikam	Yash@gmail.com	03475024855	BE	2022	1007
63	Sushila	Lepcha	Ankit@gmail.com	86814764989	BCOM	2021	1008
64	Mina	Islam	Shyam@gmail.com	5304072160	BE	2020	1008
70	Abdul	Karri	priya@gmail.com	4827352756	BE	2022	1008
95	Mina	Taka	Bumrah@gmail.com	0812097892	BCOM	2022	1012
96	Abdul	More	Jay@gmail.com	0711901759	BE	2021	1013
97	Santosh	Gharami	Tanu@gmail.com	8867370401	BE	2022	1013
98	Mohammed	Svarup	Smriti@gmail.com	9588570320	BCOM	2020	1013
99	Suresh	Kundu	Radha@gmail.com	8715232080	BCOM	2018	1013
105	Sam	Rabha	Sam@gmail.com	0348273907	BCOM	2022	1014
106	Gita	Subba	Mitali@gmail.com	7738346301	BE	2023	1014
107	Shankar	Debbarma	Ajeet@gmail.com	7228756301	BE	2023	1014
108	Maya	Fatma	Atul@gmail.com	1138756301	BE	2023	1014
109	Karan	Adhikary	Karan@gmail.com	7738751201	BE	2023	1014
110	Paras	Kothari	Paras@gmail.com	3438756301	BE	2023	1014