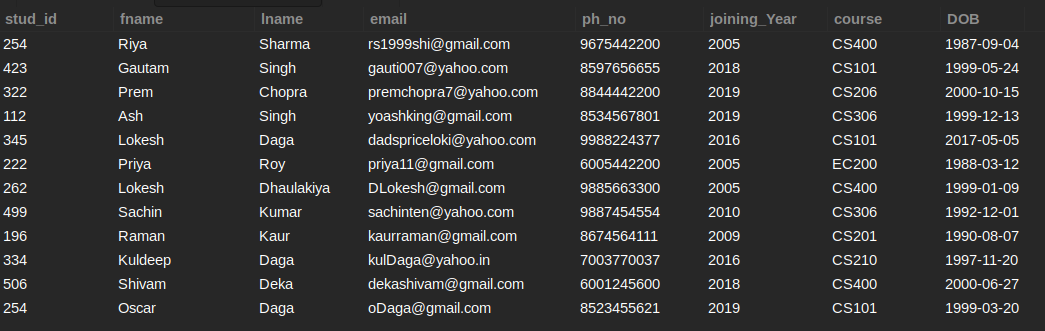
Q1: List down the student id along with their complete names.



SELECT STUD\_ID, FNAME, LNAME FROM STUDENT;

+---------+---------+------------+

| STUD\_ID | FNAME | LNAME |

+---------+---------+------------+

| 254 | Riya | Sharma |

| 423 | Gautam | Singh |

| 322 | Prem | Chopra |

| 112 | Ash | Singh |

| 345 | Lokesh | Daga |

| 222 | Priya | Roy |

| 262 | Lokesh | Dhaulakiya |

| 499 | Sachin | Kumar |

| 196 | Raman | Kaur |

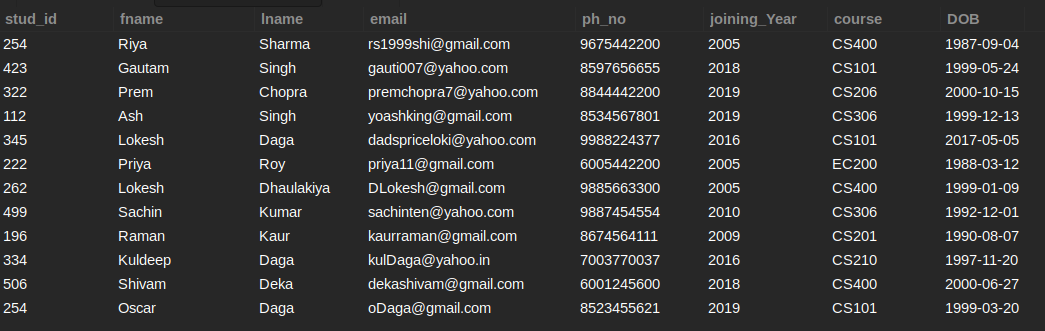
| 334 | Kuldeep | Daga |

| 506 | Shivam | Deka |

| 254 | Oscar | Daga |

+---------+---------+------------+

Q2: List down the student id along with their names and contact info like email and phone number who joined the institute in 2018.



SELECT STUD\_ID, FNAME, LNAME, EMAIL, PH\_NO FROM STUDENT WHERE JOINING\_YEAR = 2018;

+---------+--------+-------+----------------------+------------+

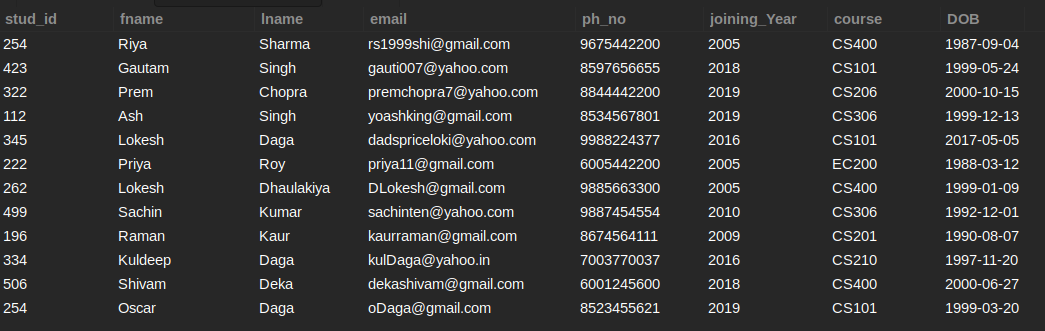
| STUD\_ID | FNAME | LNAME | EMAIL | PH\_NO |

+---------+--------+-------+----------------------+------------+

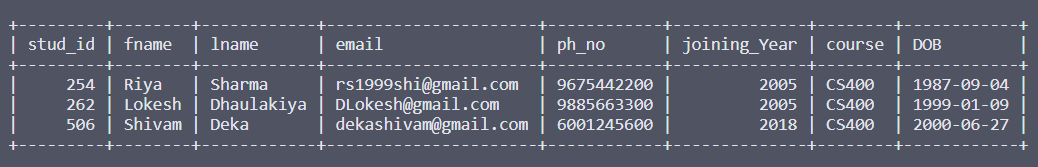
| 423 | Gautam | Singh | gauti007@yahoo.com | 8597656655 |

| 506 | Shivam | Deka | dekashivam@gmail.com | 6001245600 |

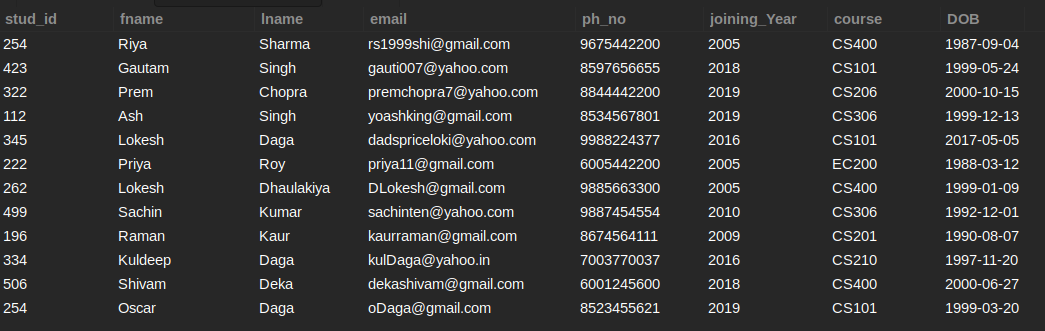
+---------+--------+-------+----------------------+------------+  
  
  
Q3: List down all the information about the students who are enrolled in the CS400 course.



SELECT \* FROM STUDENT WHERE COURSE = "CS400";



Q4: List down all the student's personal details like student id, name and contact information like email, phone number who joined the institute after 2000 and have the surname Daga.



SELECT STUD\_ID, FNAME, LNAME, EMAIL, PH\_NO FROM STUDENT WHERE JOINING\_YEAR > 2000 and LNAME = "Daga";  
  
+---------+---------+-------+-------------------------+------------+

| STUD\_ID | FNAME | LNAME | EMAIL | PH\_NO |

+---------+---------+-------+-------------------------+------------+

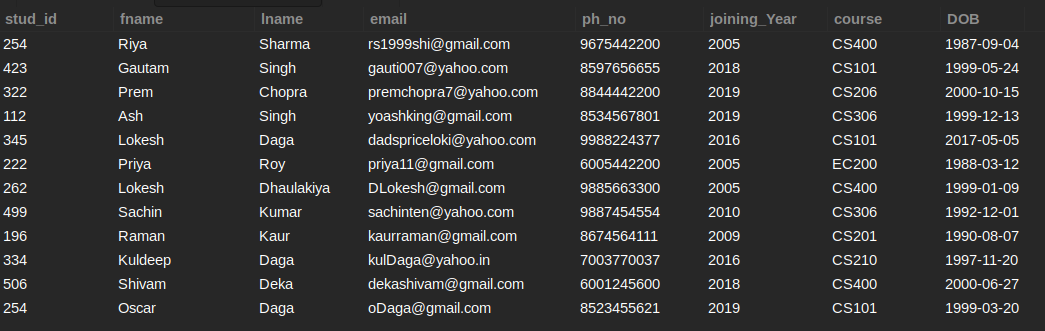
| 345 | Lokesh | Daga | dadspriceloki@yahoo.com | 9988224377 |

| 334 | Kuldeep | Daga | kulDaga@yahoo.in | 7003770037 |

| 254 | Oscar | Daga | oDaga@gmail.com | 8523455621 |

+---------+---------+-------+-------------------------+------------+

Q5: List out all the student id’s who have either joined the institute in the year 2016 or were enrolled for CS101.



SELECT STUD\_ID FROM STUDENT WHERE JOINING\_YEAR = 2016 OR COURSE = "CS101";

+---------+

| STUD\_ID |

+---------+

| 423 |

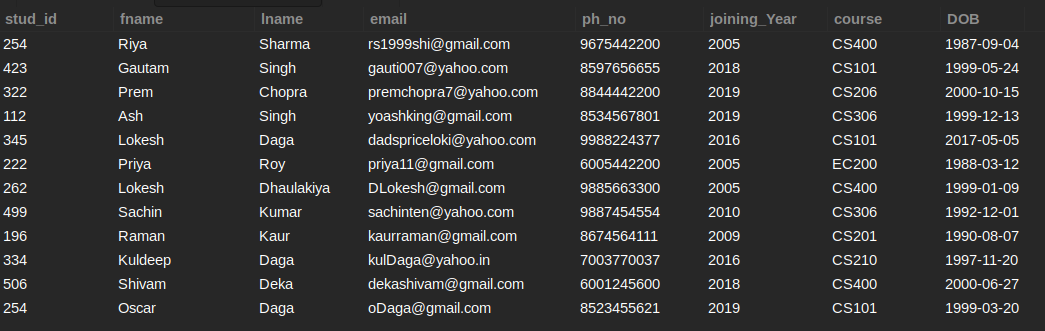
| 345 |

| 334 |

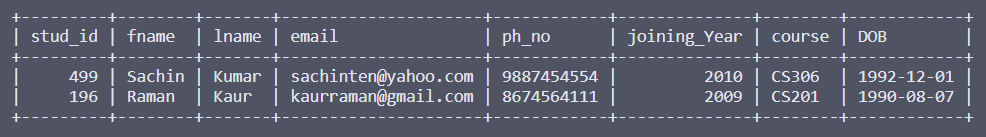
| 254 |

+---------+

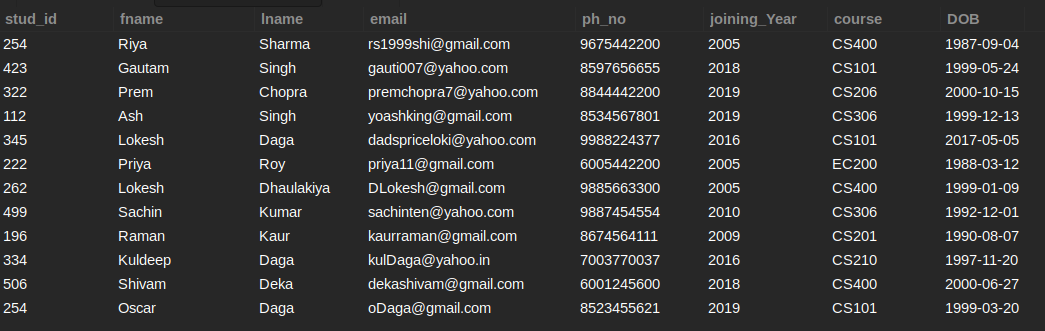
Q6: Enlist all the students who joined the institute between the year 2009 and 2011.



SELECT \* FROM STUDENT WHERE JOINING\_YEAR BETWEEN 2009 AND 2011;



Q7: List out all the students' names (fname and lname) with their joining year and phone number who were born on and after 2nd November 1998.



SELECT FNAME, LNAME, JOINING\_YEAR, PH\_NO FROM STUDENT WHERE DOB > '1998-11-02';

+--------+------------+--------------+------------+

| FNAME | LNAME | JOINING\_YEAR | PH\_NO |

+--------+------------+--------------+------------+

| Gautam | Singh | 2018 | 8597656655 |

| Prem | Chopra | 2019 | 8844442200 |

| Ash | Singh | 2019 | 8534567801 |

| Lokesh | Daga | 2016 | 9988224377 |

| Lokesh | Dhaulakiya | 2005 | 9885663300 |

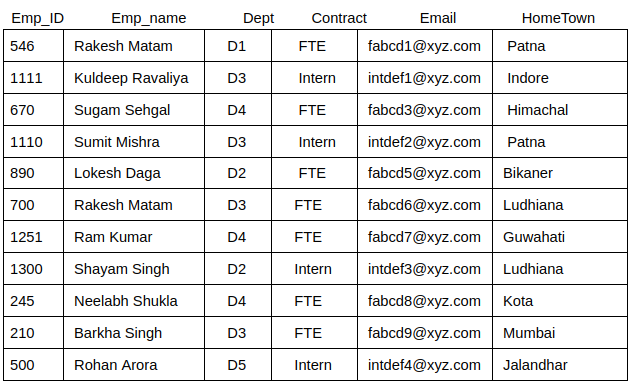
| Shivam | Deka | 2018 | 6001245600 |

| Oscar | Daga | 2019 | 8523455621 |

+--------+------------+--------------+------------+

Q8: Enlist the email ids of all the interns along with their names.

EMP\_DATA



SELECT EMP\_NAME, EMAIL FROM EMP\_DATA WHERE CONTRACT = 'Intern';

emp\_name | email

------------------+-----------------

Kuldeep Ravaliya | intdef1@xyz.com

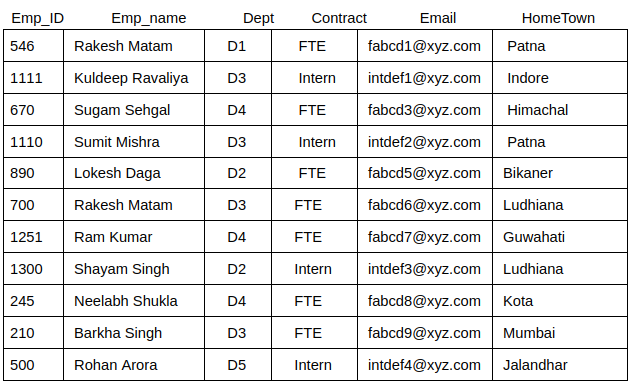
Sumit Mishra | intdef2@xyz.com

Shayam Singh | intdef3@xyz.com

Rohan Arora | [intdef4@xyz.com](mailto:intdef4@xyz.com)

Q9: Fetch the records of all employees of Department D3 with the FTE offer.

EMP\_DATA



SELECT \* FROM EMP\_DATA WHERE DEPT = 'D3' AND CONTRACT = 'FTE';

emp\_id | emp\_name | dept | contract | email | hometown

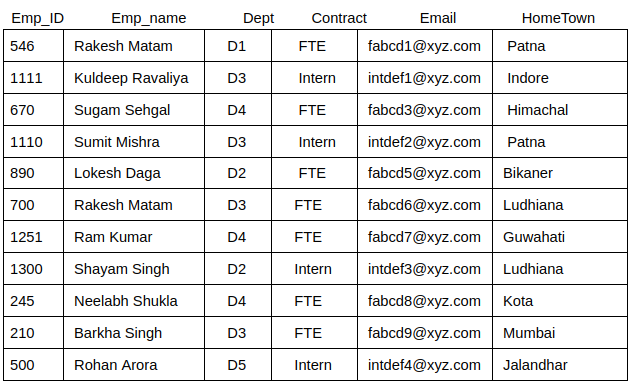
--------+--------------+------+----------+----------------+----------

700 | Rakesh Matam | D3 | FTE | fabcd6@xyz.com | Ludhiana

210 | Barkha Singh | D3 | FTE | fabcd9@xyz.com | Mumbai

Q10: Fetch all the records of the employees working for department D1 or D3.

EMP\_DATA



SELECT \* FROM EMP\_DATA WHERE DEPT = 'D1' OR DEPT = 'D3';

emp\_id | emp\_name | dept | contract | email | hometown

--------+------------------+------+----------+-----------------+----------

546 | Rakesh Matam | D1 | FTE | fabcd1@xyz.com | Patna

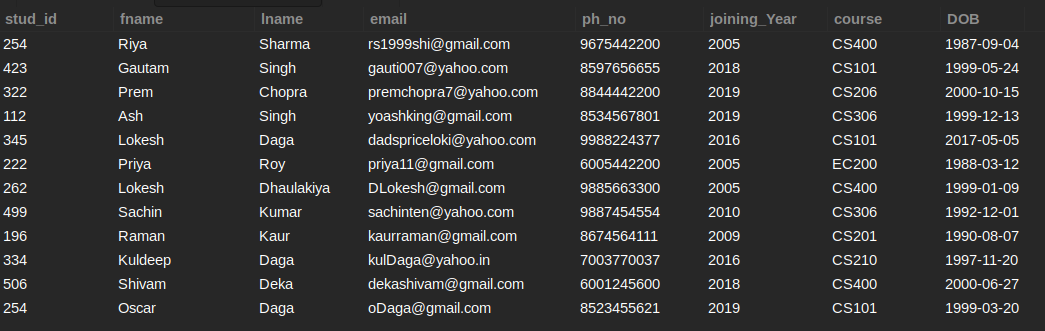
1111 | Kuldeep Ravaliya | D3 | Intern | intdef1@xyz.com | Indore

1110 | Sumit Mishra | D3 | Intern | intdef2@xyz.com | Patna

700 | Rakesh Matam | D3 | FTE | fabcd6@xyz.com | Ludhiana

210 | Barkha Singh | D3 | FTE | fabcd9@xyz.com | Mumbai

Q11: List out all the students' names (fname and lname) and their course whose ids are 423,667,645,321,776.



SELECT FNAME, LNAME, COURSE FROM STUDENT WHERE STUD\_ID IN (423,667,645,321,776);

+--------+-------+--------+

| FNAME | LNAME | COURSE |

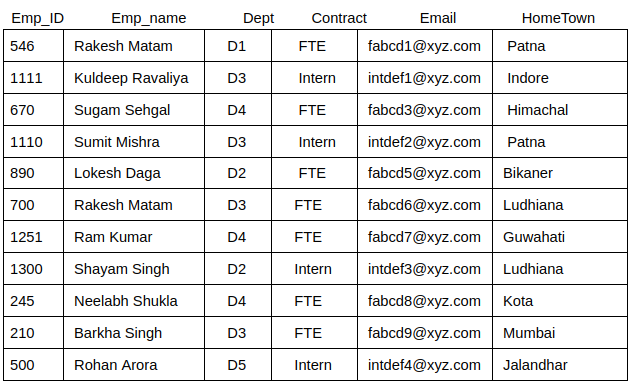
+--------+-------+--------+

| Gautam | Singh | CS101 |

+--------+-------+--------+

Q12: Fetch all the records of the employees working for department D1 or D3 using the IN clause.

EMP\_DATA



SELECT \* FROM EMP\_DATA WHERE DEPT IN ('D1', 'D3');

emp\_id | emp\_name | dept | contract | email | hometown

--------+------------------+------+----------+-----------------+----------

546 | Rakesh Matam | D1 | FTE | fabcd1@xyz.com | Patna

1111 | Kuldeep Ravaliya | D3 | Intern | intdef1@xyz.com | Indore

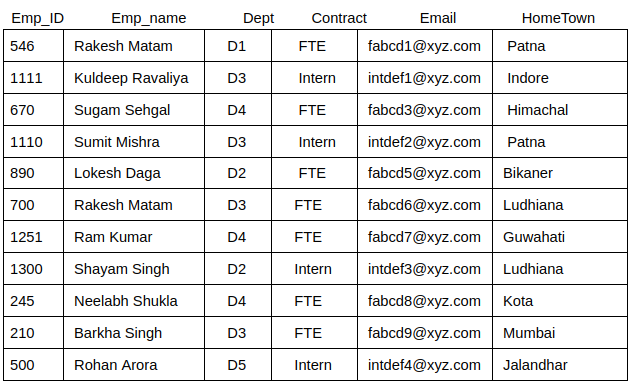
1110 | Sumit Mishra | D3 | Intern | intdef2@xyz.com | Patna

700 | Rakesh Matam | D3 | FTE | fabcd6@xyz.com | Ludhiana

210 | Barkha Singh | D3 | FTE | fabcd9@xyz.com | Mumbai

Q13: Fetch all the records of employees that neither work for department D1 nor for D2.

EMP\_DATA



SELECT \* FROM EMP\_DATA WHERE DEPT NOT IN ('D1', 'D2');

emp\_id | emp\_name | dept | contract | email | hometown

--------+------------------+------+----------+-----------------+----------

1111 | Kuldeep Ravaliya | D3 | Intern | intdef1@xyz.com | Indore

670 | Sugam Sehgal | D4 | FTE | fabcd3@xyz.com | Himachal

1110 | Sumit Mishra | D3 | Intern | intdef2@xyz.com | Patna

700 | Rakesh Matam | D3 | FTE | fabcd6@xyz.com | Ludhiana

1251 | Ram Kumar | D4 | FTE | fabcd7@xyz.com | Guwahati

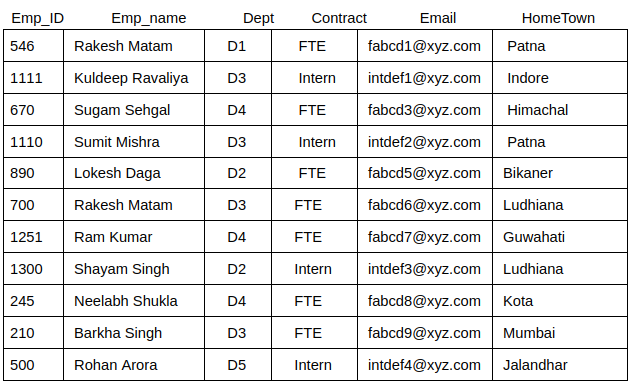
245 | Neelabh Shukla | D4 | FTE | fabcd8@xyz.com | Kota

210 | Barkha Singh | D3 | FTE | fabcd9@xyz.com | Mumbai

500 | Rohan Arora | D5 | Intern | intdef4@xyz.com | Jalandhar

Q14: List down the employee name and department that are either from Mumbai or Jalandhar and hold an employee Id numbered less than 900.

EMP\_DATA



SELECT EMP\_NAME, DEPT FROM EMP\_DATA WHERE HOMETOWN IN ('MUMBAI', 'JALANDHAR') AND EMP\_ID < 900;

+--------------+------+

| EMP\_NAME | DEPT |

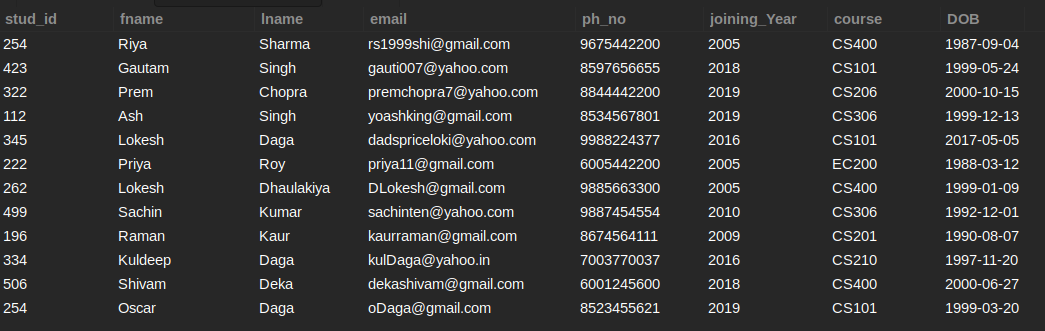
+--------------+------+

| Barkha Singh | D3 |

| Rohan Arora | D5 |

+--------------+------+

Q15: List down the complete names of the students from batch 2019 (who joined in 2019) and the second letter of their first name is "s".



SELECT FNAME, LNAME FROM STUDENT WHERE FNAME LIKE '\_S%'

+-------+-------+

| FNAME | LNAME |

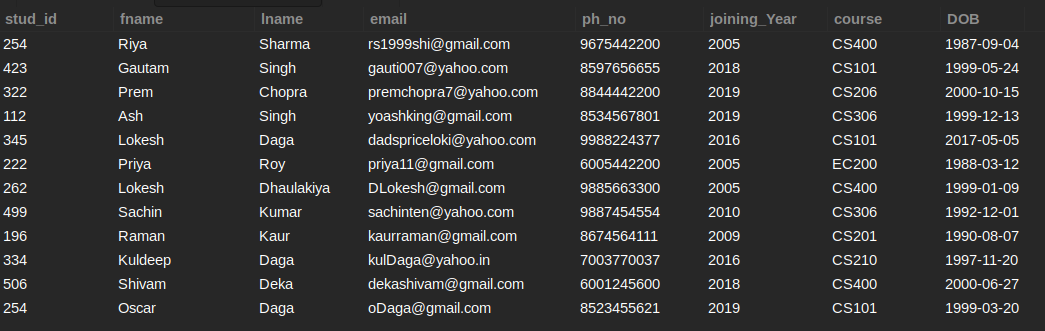
+-------+-------+

| Ash | Singh |

| Oscar | Daga |

+-------+-------+

Q16: List down all the student information who use Yahoo as their emails.

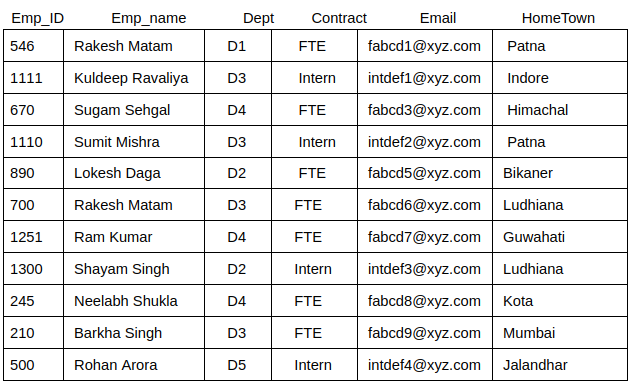


SELECT \* FROM STUDENT WHERE EMAIL LIKE '%YAHOO%';



Q17: Fetch all the records with Email ID’s starting from ‘fab’.

EMP\_DATA



SELECT \* FROM EMP\_DATA WHERE EMAIL LIKE 'fab%';

emp\_id | emp\_name | dept | contract | email | hometown

--------+----------------+------+----------+----------------+----------

546 | Rakesh Matam | D1 | FTE | fabcd1@xyz.com | Patna

670 | Sugam Sehgal | D4 | FTE | fabcd3@xyz.com | Himachal

890 | Lokesh Daga | D2 | FTE | fabcd5@xyz.com | Bikaner

700 | Rakesh Matam | D3 | FTE | fabcd6@xyz.com | Ludhiana

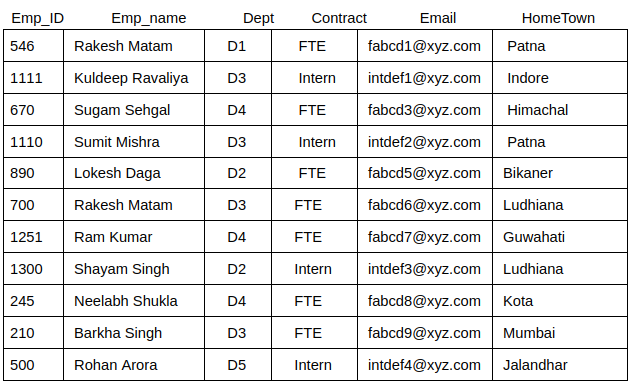
1251 | Ram Kumar | D4 | FTE | fabcd7@xyz.com | Guwahati

245 | Neelabh Shukla | D4 | FTE | fabcd8@xyz.com | Kota

210 | Barkha Singh | D3 | FTE | fabcd9@xyz.com | Mumbai

Q18: List down all the employee id’s and names whose Email contains ‘bcd’ and belongs to department D3 or D4 but aren’t from Himachal, Guwahati.

EMP\_DATA



SELECT EMP\_ID, EMP\_NAME FROM EMP\_DATA WHERE EMAIL LIKE '%bcd%' AND DEPT IN ('D3', 'D4') AND HOMETOWN NOT IN ('HIMACHAL', 'GUWAHATI');

+--------+----------------+

| EMP\_ID | EMP\_NAME |

+--------+----------------+

| 700 | Rakesh Matam |

| 245 | Neelabh Shukla |

| 210 | Barkha Singh |

+--------+----------------+