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1. write a query to display the instructor's last name whose mail ID starts with 'b' from the instructor table.

```
mysql> select last_name from instructor
   -> where email like 'b%';
Empty set (0.00 sec)
```

2. write a query to display the details of the student whose first name ends with the vowels from the student table.

```
mysql> select * from student_data
    -> where first_name like '%a'
    -> or first_name like '%e'
    -> or first_name like '%i'
    -> or first_name like '%o'
    -> or first_name like '%u';
                                | Citv
                                             Age | Date_Of_Joining
 ID | First_Name
                  Last_Name
      Aaishwarya
                                  Mumbai
                                               32 l
                                                    2020-05-29
                    Ray
                                  Chennai
   4
                    Ahuja
                                               22
       Anagha
                                                    2018-12-12
   6
      Bimla
                    Bhatt
                                  Ahmedabad
                                               21
                                                    2021-03-21
                                  Bangalore
                                               25
       Ramya
                    Bose
                                                    2019-09-25
  10
                                  Mumbai
                                               20
       Sharanya
                    Ahuja
                                                    2020-04-15
  16
       Rupali
                    Gupta
                                  Chennai
                                               21
                                                    2020-06-23
                                  Ahmedabad
  17
       Deepika
                    Verma
                                               26
                                                    2017-08-22
     Deepika
                    Chatterjee
                                  Ahmedabad
  18
                                               29
                                                    2020-11-05
8 rows in set (0.01 sec)
```

3. write a query todisplay the details of the student whose first name contains the vowels from the student table.

```
mysql> select * from student_data
    -> where first_name like '%a%'
    -> or first_name like '%e%'
       or first_name like '%i%'
       or first_name like '%o%'
       or first_name like
                            '%u%';
       First_Name | Last_Name
  ID |
                                   City
                                                      Date_Of_Joining
                                                Age
                                                 24
                                                       2020-03-28
   1
       Akash
                     Kumar
                                   Jaipur
   2
       Aaishwarya
                                   Mumbai
                                                 32
                                                       2020-05-29
                     Ray
   3
       Abhay
                     Chander
                                   Mumbai
                                                 27
                                                       2019-08-07
   4
       Anagha
                                   Chennai
                                                 22
                     Ahuja
                                                       2018-12-12
   5
       Bishwas
                     Bora
                                   Ahmedabad
                                                 44
                                                       2015-02-01
   6
       Bimla
                     Bhatt
                                   Ahmedabad
                                                 21
                                                       2021-03-21
   7
       Brijesh
                     Kumar
                                   Jaipur
                                                 22
                                                      2021-01-01
   8
                                                 19
       Arjun
                     Shet
                                   Bangalore
                                                       2020-12-31
   9
       Ramya
                     Bose
                                   Bangalore
                                                 25
                                                       2019-09-25
  10
       Sharanya
                     Ahuja
                                   Mumbai
                                                 20
                                                       2020-04-15
                                   Bangalore
  11
       Suhas
                     Rai
                                                 27
                                                       2016-05-14
  12
       Goutham
                     Sharma
                                   Ahmedabad
                                                 26
                                                       2020-07-20
  13
       Dilshan
                     Gupta
                                   Jaipur
                                                 23
                                                       2014-02-07
  14
       Sachin
                     Acharya
                                   Bangalore
                                                 22
                                                       2020-01-01
  15
       Tanveer
                     Ahmed
                                   Chennai
                                                 23
                                                       2019-05-09
                                                 21
  16
       Rupali
                     Gupta
                                   Chennai
                                                       2020-06-23
  17
       Deepika
                     Verma
                                   Ahmedabad
                                                 26
                                                       2017-08-22
  18
       Deepika
                     Chatterjee
                                   Ahmedabad
                                                 29
                                                      2020-11-05
18 rows in set (0.00 sec)
```

4. write a query to display the details of the student whose last name ends with the other than vowels from the student table.

```
nysql> select * from student_data
   -> where last_name not like'%a'
   -> and last_name not like '%e'
   -> and last_name not like '%i'
   -> and last_name not like '%o'
      and last_name not like '%u';
                                             Age | Date_Of_Joining
      First_Name
                   Last_Name
                                City
 ID |
  1
      Akash
                    Kumar
                                 Jaipur
                                              24
                                                    2020-03-28
  2
      Aaishwarya
                    Rav
                                 Mumbai
                                              32
                                                    2020-05-29
  3
      Abhay
                                              27
                    Chander
                                 Mumbai
                                                    2019-08-07
  6
      Bimla
                                 Ahmedabad
                                              21
                                                    2021-03-21
                    Bhatt
  7
      Brijesh
                    Kumar
                                 Jaipur
                                              22
                                                    2021-01-01
                    Shet
  8
      Arjun
                                 Bangalore
                                              19
                                                    2020-12-31
 15
      Tanveer
                    Ahmed
                                 Chennai
                                              23
                                                    2019-05-09
                    Jackman
                                 Bangalore
 19
      Zhyn
                                              24
                                                    2019-06-22
 rows in set (0.00 sec)
```