

**Name - Yash Lakhtariya**

**Enrollment number - 21162101012**

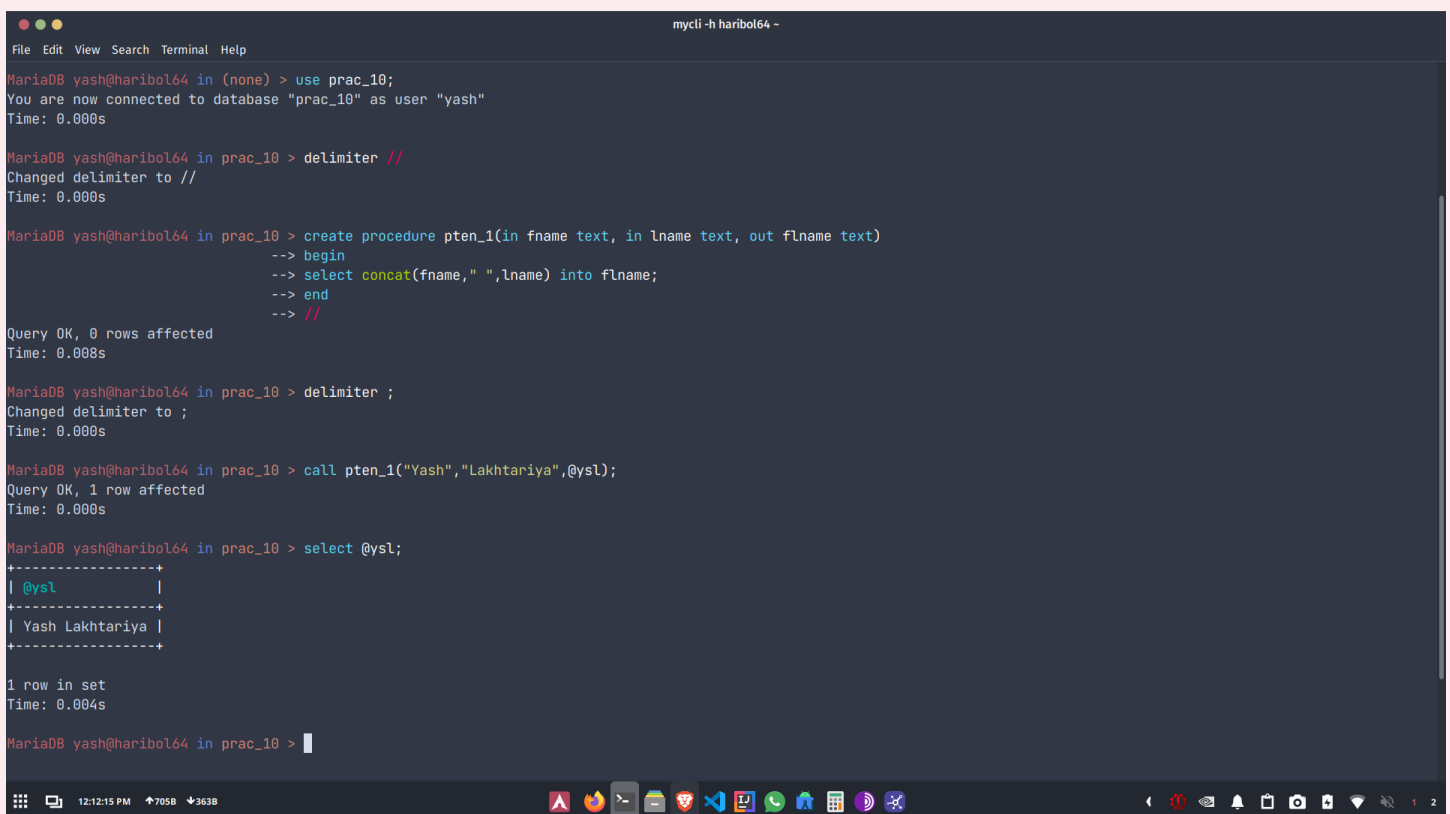
**Branch - CBA , Batch - 31**

**DBMS Practical 10**

***Institute of Computer Technology  
Ganpat University  
B.Tech. CSE (CBA/BDA/CS)  
(2CSE301) Database Management System***

**Practical 10**

1. Write a stored procedure to provide your first name and last name as inputs and display your full name as output



```
mycli -h haribol64 -  
File Edit View Search Terminal Help  
MariaDB yash@haribol64 in (none) > use prac_10;  
You are now connected to database "prac_10" as user "yash"  
Time: 0.000s  
  
MariaDB yash@haribol64 in prac_10 > delimiter //  
Changed delimiter to //  
Time: 0.000s  
  
MariaDB yash@haribol64 in prac_10 > create procedure pten_1(in fname text, in lname text, out flname text)  
--> begin  
--> select concat(fname," ",lname) into flname;  
--> end  
--> //  
  
Query OK, 0 rows affected  
Time: 0.008s  
  
MariaDB yash@haribol64 in prac_10 > delimiter ;  
Changed delimiter to ;  
Time: 0.000s  
  
MariaDB yash@haribol64 in prac_10 > call pten_1("Yash","Lakhtariya",@ysl);  
Query OK, 1 row affected  
Time: 0.000s  
  
MariaDB yash@haribol64 in prac_10 > select @ysl;  
+-----+  
| @ysl |  
+-----+  
| Yash Lakhtariya |  
+-----+  
  
1 row in set  
Time: 0.004s  
  
MariaDB yash@haribol64 in prac_10 > 
```

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

2. Create a stored procedure to drop OrderDate column from orders table and ContactTitle column from supplier table

```
mycli -h haribol64 -
File Edit View Search Terminal Help

MariaDB yash@haribol64 in prac_10 > delimiter //
Changed delimiter to //
Time: 0.000s

MariaDB yash@haribol64 in prac_10 > create procedure pten_2()
--> begin
--> alter table orders drop column OrderDate;
--> alter table supplier drop column ContactTitle;
--> end
--> //

Query OK, 0 rows affected
Time: 0.008s

MariaDB yash@haribol64 in prac_10 > call pten_2();//
Query OK, 0 rows affected
Time: 0.029s

MariaDB yash@haribol64 in prac_10 > delimiter ;
Changed delimiter to ;
Time: 0.000s

MariaDB yash@haribol64 in prac_10 > desc orders;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Id    | int(11) | NO | PRI | <null> |      |
| OrderNumber | varchar(10) | YES |      | <null> |      |
| CustomerId | int(11) | NO | MUL | <null> |      |
| TotalAmount | decimal(12,2) | YES |      | 0.00 |      |
+-----+-----+-----+-----+-----+-----+

4 rows in set
Time: 0.008s

MariaDB yash@haribol64 in prac_10 > desc supplier;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Id    | int(11) | NO | PRI | <null> |      |
| ContactTitle | varchar(100) | YES |      | <null> |      |
| Address | varchar(100) | YES |      | <null> |      |
| Phone | varchar(100) | YES |      | <null> |      |
+-----+-----+-----+-----+-----+-----+

4 rows in set
Time: 0.008s
```

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

```
mycli -h haribol64 -
File Edit View Search Terminal Help
Time: 0.000s

MariaDB yash@haribol64 in prac_10 > desc orders;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Id     | int(11) | NO   | PRI | <null> |       |
| OrderNumber | varchar(10) | YES |     | <null> |       |
| CustomerId | int(11) | NO   | MUL | <null> |       |
| TotalAmount | decimal(12,2) | YES |     | 0.00 |       |
+-----+-----+-----+-----+-----+-----+

4 rows in set
Time: 0.008s

MariaDB yash@haribol64 in prac_10 > desc supplier;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Id     | int(11) | NO   | PRI | <null> |       |
| CompanyName | varchar(40) | NO   |     | <null> |       |
| ContactName | varchar(50) | YES  |     | <null> |       |
| City    | varchar(40) | YES  |     | <null> |       |
| Country | varchar(40) | YES  |     | <null> |       |
| Phone   | varchar(30) | YES  |     | <null> |       |
| Fax     | varchar(30) | YES  |     | <null> |       |
+-----+-----+-----+-----+-----+-----+

7 rows in set
Time: 0.011s

MariaDB yash@haribol64 in prac_10 > 
```

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

3. Create a stored procedure to display statements in following manner for all customers : e.g. customer 2 has placed orders worth \$1402.95

```
mycli -h haribol64 -
File Edit View Search Terminal Help
| 32 | 542409 | 44 | 468.00 |
830 rows in set
Time: 0.071s

MariaDB yash@haribol64 in prac_10 > delimiter //
Changed delimiter to //
Time: 0.000s

MariaDB yash@haribol64 in prac_10 > create procedure pten_3()
--> begin
--> select concat("Customer ",CustomerId," has placed order worth $",TotalAmount) from orders;
--> end
--> //

Query OK, 0 rows affected
Time: 0.008s

MariaDB yash@haribol64 in prac_10 > call pten_3();//
+-----+
| concat("Customer ",CustomerId," has placed order worth $",TotalAmount) |
+-----+
| Customer 85 has placed order worth $440.00 |
| Customer 79 has placed order worth $1863.40 |
| Customer 34 has placed order worth $1813.00 |
| Customer 84 has placed order worth $670.80 |
| Customer 76 has placed order worth $3730.00 |
| Customer 34 has placed order worth $1444.80 |
| Customer 14 has placed order worth $625.20 |
| Customer 68 has placed order worth $2490.50 |
| Customer 88 has placed order worth $517.80 |
| Customer 35 has placed order worth $1119.90 |
| Customer 20 has placed order worth $2018.60 |
| Customer 13 has placed order worth $100.80 |
| Customer 56 has placed order worth $1746.20 |
| Customer 61 has placed order worth $448.00 |
| Customer 65 has placed order worth $624.80 |
| Customer 20 has placed order worth $2464.80 |
| Customer 74 has placed order worth $724.50 |
+-----+
```

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

4. Write a stored procedure to insert new customers (verify by adding your own personal details)

```
mycli -h haribol64 -
File Edit View Search Terminal Help
| 26 | Carine | Schmitt | Nantes | France | 40.32.21.21 |
| 27 | Paolo | Accorti | Torino | Italy | 011-4988260 |
| 28 | Lino | Rodriguez | Lisboa | Portugal | (1) 354-2534 |
| 29 | Eduardo | Saavedra | Barcelona | Spain | (93) 203 4560 |
| 30 | José | Pedro Freyre | Sevilla | Spain | (95) 555 82 82 |
| 31 | André | Fonseca | Campinas | Brazil | (11) 555-9482 |
| 32 | Howard | Snyder | Eugene | USA | (503) 555-7555 |
[Errno 32] Broken pipe

MariaDB yash@haribol64 in prac_10 > create procedure pten_4(in id int, in fname text, in lname text, in city text, in country text, in phone decimal(10))
--> begin
--> insert into customer values(id,fname,lname,city,country,phone);
--> end
--> //

Query OK, 0 rows affected
Time: 0.008s

MariaDB yash@haribol64 in prac_10 > call pten_4(108, "Yash", "Lakhtariya", "Vrindavana", "India", 6351573711)//

Query OK, 1 row affected
Time: 0.005s

MariaDB yash@haribol64 in prac_10 > select * from customer where `Id`=108//
+-----+-----+-----+-----+-----+-----+
| Id | FirstName | LastName | City | Country | Phone |
+-----+-----+-----+-----+-----+-----+
| 108 | Yash | Lakhtariya | Vrindavana | India | 6351573711 |
+-----+-----+-----+-----+-----+-----+

1 row in set
Time: 0.007s

MariaDB yash@haribol64 in prac_10 > 
```

**Name - Yash Lakhtariya**

**Enrollment number - 21162101012**

**Branch - CBA , Batch - 31**

## **DBMS Practical 10**

5. Write a stored procedure to get all the details of a customer based on the customer id entered by user

```
mycli -h haribol64 -  
File Edit View Search Terminal Help  
MariaDB yash@haribol64 in prac_10 > create procedure pten_5(in y int)  
--> begin  
--> select * from customer where Id = y;  
--> end  
--> //  
Query OK, 0 rows affected  
Time: 0.008s  
  
MariaDB yash@haribol64 in prac_10 > call pten_5(108)//  
+-----+-----+-----+-----+-----+-----+  
| Id | FirstName | LastName | City | Country | Phone |  
+-----+-----+-----+-----+-----+-----+  
| 108 | Yash | Lakhtariya | Vrindavana | India | 6351573711 |  
+-----+-----+-----+-----+-----+-----+  
  
1 row in set  
Time: 0.008s  
  
MariaDB yash@haribol64 in prac_10 > call pten_5(1)//  
+-----+-----+-----+-----+-----+-----+  
| Id | FirstName | LastName | City | Country | Phone |  
+-----+-----+-----+-----+-----+-----+  
| 1 | Maria | Anders | Berlin | Germany | 030-0074321 |  
+-----+-----+-----+-----+-----+-----+  
  
1 row in set  
Time: 0.005s  
  
MariaDB yash@haribol64 in prac_10 > call pten_5(91)//  
+-----+-----+-----+-----+-----+-----+  
| Id | FirstName | LastName | City | Country | Phone |  
+-----+-----+-----+-----+-----+-----+  
| 91 | Zbyszek | Piestrzewicz | Warszawa | Poland | (26) 642-7012 |  
+-----+-----+-----+-----+-----+-----+  
  
1 row in set
```

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

6. Write a stored procedure to get the name of country of a supplier based on the supplier id entered by user

```
mycli -h haribol64 -
File Edit View Search Terminal Help
| 22 | Zaanse Snoepfabriek | Dirk Luchte | Zaandam | Netherlands | (12345) 1212 | (12345) 1210 |
| 23 | Karkki Oy | Anne Heikkonen | Lappeenranta | Finland | (953) 10956 | <null> |
| 24 | G'day, Mate | Wendy Mackenzie | Sydney | Australia | (02) 555-5914 | (02) 555-4873 |
| 25 | Ma Maison | Jean-Guy Lauzon | Montréal | Canada | (514) 555-9822 | <null> |
| 26 | Pasta Buttini s.r.l. | Giovanni Giudici | Salerno | Italy | (089) 6547665 | (089) 6547667 |
| 27 | Escargots Nouveaux | Marie Delamare | Montceau | France | 85.57.00.07 | <null> |
| 28 | Gai pâturage | Eliane Noz | Annecy | France | 38.76.98.06 | 38.76.98.58 |
| 29 | Forêts d'érables | Chantal Goulet | Ste-Hyacinthe | Canada | (514) 555-2955 | (514) 555-2921 |
+-----+-----+-----+-----+-----+-----+-----+
29 rows in set
Time: 0.013s

MariaDB yash@haribol64 in prac_10 > create procedure pten_6(in splid int, out cntry text)
--> begin
--> select Country into cntry from supplier where Id = splid;
--> end
--> //

Query OK, 0 rows affected
Time: 0.009s

MariaDB yash@haribol64 in prac_10 > call pten_6(25,@haribol)//
Query OK, 1 row affected
Time: 0.001s

MariaDB yash@haribol64 in prac_10 > select @haribol//
+-----+
| @haribol |
+-----+
| Canada |
+-----+

1 row in set
Time: 0.006s

MariaDB yash@haribol64 in prac_10 >
```

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

7. Write a stored procedure to count the number of discontinued products for the supplier specified by the user.

```
mycli -h haribol64 -  
File Edit View Search Terminal Help  
| 75 | Rhönbräu Klosterbier      | 12 | 7.75 | 24 - 0.5 l bottles | 0x00 |  
| 76 | Lakkaikööri              | 23 | 18.00 | 500 ml             | 0x00 |  
| 77 | Original Frankfurter grüne Soße | 12 | 13.00 | 12 boxes           | 0x00 |  
| 78 | Stroopwafels               | 22 | 9.75 | 24 pieces           | 0x00 |  
+-----+-----+-----+-----+-----+  
78 rows in set  
Time: 0.020s  
  
MariaDB yash@haribol64 in prac_10 > create procedure pten_7(in splid int)  
--> begin  
--> select count(*) from product where SupplierId = splid;  
--> end  
--> //  
Query OK, 0 rows affected  
Time: 0.005s  
  
MariaDB yash@haribol64 in prac_10 > call pten_7(7)//  
+-----+  
| count(*) |  
+-----+  
| 5         |  
+-----+  
1 row in set  
Time: 0.005s  
  
MariaDB yash@haribol64 in prac_10 >   
  
(Delimiter [//] will end the line) [F3] Multiline: ON
```



Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA , Batch - 31

## DBMS Practical 10

8. write a stored procedure to find out number of orders placed by a particular customer (id should be provided by user)

```
File Edit View Search Terminal Help
| 31 | 542408 | 5 | 1488.80 |
| 32 | 542409 | 44 | 468.00 |
830 rows in set
Time: 0.053s

MariaDB yash@haribol64 in prac_10 > create procedure pten_8(in id int)
--> begin
--> select count(*) from orders where CustomerId = id;
--> end
--> //

Query OK, 0 rows affected
Time: 0.009s

MariaDB yash@haribol64 in prac_10 > call pten_8(64)//
+-----+
| count(*) |
+-----+
| 5 |
+-----+

1 row in set
Time: 0.008s

MariaDB yash@haribol64 in prac_10 > delimiter ;
Changed delimiter to ;
Time: 0.000s

MariaDB yash@haribol64 in prac_10 > exit;
Goodbye!

yash@haribol64 in ~ took 51m48s
```