

ASSIGNMENT 2

Database name: pentafox

1.Connectivity and retrieving the initial data in the database table...

```
Connected to MySQL database!
Error: 1050 (42S01): Table 'company_table' already exists

Menu:
1.Insert data
2.Update data
3.Delete data
4.Insert bulk data
5.Run procedure
6.Select data

Enter your choice:6
Display data:
-----
Selected data:
(1, 'ganesh', 28)
(2, 'vikram', 30)
(3, 'mohan', 29)
(4, 'prasath', 28)
(5, 'sankar', 27)
(6, 'naveen', 26)
```

Displaying the table data in terminal using MYSQL command

```
MariaDB [pentafox]> select * from Company_table;
+----+-----+-----+
| id | name   | age  |
+----+-----+-----+
| 1  | ganesh | 28   |
| 2  | vikram | 30   |
| 3  | mohan  | 29   |
| 4  | prasath | 28   |
| 5  | sankar | 27   |
| 6  | naveen | 26   |
+----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [pentafox]> █
```

2.Inserting data

```
Menu:
1.Insert data
2.Update data
3.Delete data
4.Insert bulk data
5.Run procedure
6.Select data

Enter your choice:1
Insertion of data:
-----
Enter id:7
Enter name:promodh
Enter age:25
Data inserted successfully.
```

Displaying the table data in terminal using MYSQL command

```
MariaDB [pentafox]> select * from Company_table;
+----+-----+-----+
| id | name  | age  |
+----+-----+-----+
| 1  | ganesh | 28  |
| 2  | vikram | 30  |
| 3  | mohan  | 29  |
| 4  | prasath | 28  |
| 5  | sankar | 27  |
| 6  | naveen | 26  |
| 7  | promodh | 25  |
+----+-----+-----+
7 rows in set (0.000 sec)

MariaDB [pentafox]> █
```

3.Update of data

```
Menu:
1.Insert data
2.Update data
3.Delete data
4.Insert bulk data
5.Run procedure
6.Select data

Enter your choice:2
Updation of data:
-----
Enter data to be updated:age
Enter value to be updated:32
Enter whose data to be updated:ganesh
Data updated successfully.
```

Displaying the table data in terminal using MYSQL command

```
MariaDB [pentafox]> select * from Company_table;
+----+-----+-----+
| id | name  | age  |
+----+-----+-----+
| 1  | ganesh | 32  |
| 2  | vikram | 30  |
| 3  | mohan  | 29  |
| 4  | prasath | 28  |
| 5  | sankar | 27  |
| 6  | naveen | 26  |
| 7  | promodh | 25  |
+----+-----+-----+
7 rows in set (0.000 sec)
```

4.Deletion of data

```
Menu:
1.Insert data
2.Update data
3.Delete data
4.Insert bulk data
5.Run procedure
6.Select data

Enter your choice:3
Deletion of data:
-----
Enter name:promodh
Data deleted successfully.
```

Displaying the table data in terminal using MYSQL command

```
MariaDB [pentafox]> select * from Company_table;
```

```
+----+-----+-----+
| id | name  | age  |
+----+-----+-----+
| 1  | ganesh | 32  |
| 2  | vikram | 30  |
| 3  | mohan  | 29  |
| 4  | prasath | 28  |
| 5  | sankar | 27  |
| 6  | naveen | 26  |
+----+-----+-----+
6 rows in set (0.000 sec)
```

5.Inserting bulk data

```
Enter your choice:4
Insertion of bulk data:
-----
Enter number of inputs:2
Enter id:7
Enter name:promodh
Enter age:25
Enter id:8
Enter name:rohith
Enter age:21
Bulk data inserted successfully.
```

Displaying the table data in terminal using MYSQL command

```
| 6 | naveen | 26 |
+---+-----+-----+
6 rows in set (0.000 sec)

MariaDB [pentafox]> select * from Company_table;
+---+-----+-----+
| id | name  | age |
+---+-----+-----+
| 1 | ganesh | 32 |
| 2 | vikram | 30 |
| 3 | mohan  | 29 |
| 4 | prasath | 28 |
| 5 | sankar | 27 |
| 6 | naveen | 26 |
| 7 | promodh | 25 |
| 8 | rohith | 21 |
+---+-----+-----+
8 rows in set (0.000 sec)
```

6. Running procedure (Inserting is done frequently, so it is used as a procedure)

```
Menu:
1.Insert data
2.Update data
3.Delete data
4.Insert bulk data
5.Run procedure
6.Select data

Enter your choice:5
Running procedure
-----
Enter id:9
Enter name:rohan
Enter age:19
Data inserted successfully..
```

Displaying the table data in terminal using MYSQL command

```
| 7 | promodh | 25 |
| 8 | rohith | 21 |
+----+-----+-----+
8 rows in set (0.000 sec)

MariaDB [pentafox]> select * from Company_table;
+----+-----+-----+
| id | name  | age |
+----+-----+-----+
| 1 | ganesh | 32 |
| 2 | vikram | 30 |
| 3 | mohan  | 29 |
| 4 | prasath | 28 |
| 5 | sankar | 27 |
| 6 | naveen | 26 |
| 7 | promodh | 25 |
| 8 | rohith | 21 |
| 9 | rohan  | 19 |
+----+-----+-----+
9 rows in set (0.000 sec)
```

Thank you!!