

## Small Scale Business Management System



### ABSTRACT:

In day-to-day life, we will need to buy lots of goods or products from a shop. It may be food items, electronic items, household items etc. Now a days it is really hard to get some time to go out and get them by ourselves due to busy lifestyle and lots of works. In order to solve this e-commerce websites have been started. Using these websites and web applications, we can buy goods and products online just by visiting website and ordering the item online. Some women's saving funds make garments, food items etc., In order to sale their product and publish their products a web application is needed. In this project Bachat Gats the web application is to be built in order to publish their products and sale them online through this e-commerce website. Products can be made available on website and online shopping of these products to be done. This web application will find different products made by them that will depict online shopping of that product and purchasing. It will easy be maintaining and purchasing products on website for administrator. It will improve efficiency of their services

## **AIM OF PROJECT:**

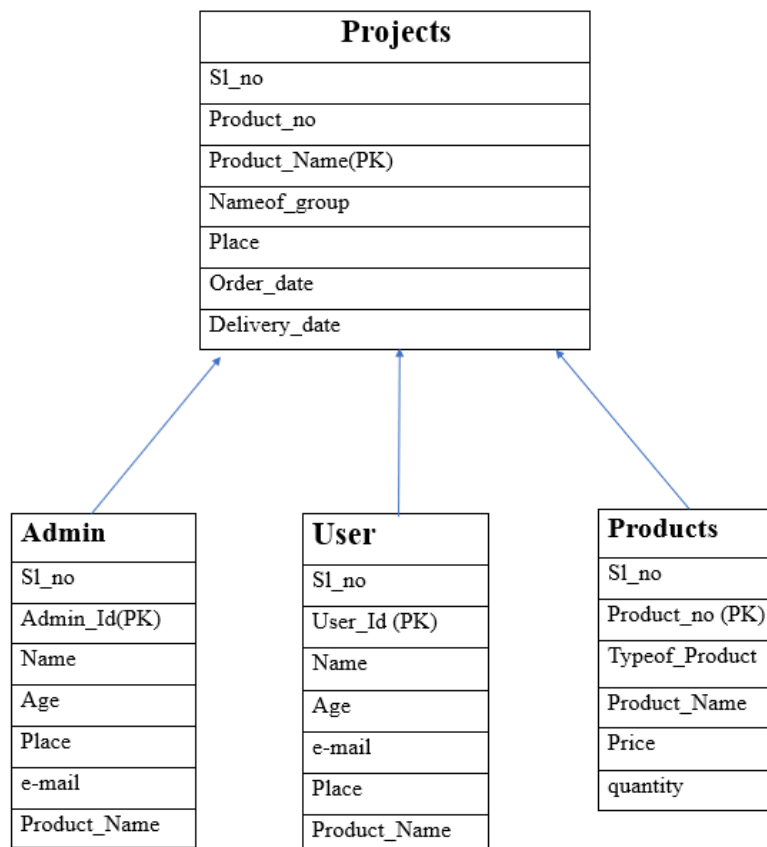
To reach all the products of Mahila Bachat Gat to everyone.

## **INTRODUCTION:**

This project is focused to expand a website that portray E-commerce (online shop) of products made through Mahila Bachat Gat (Women's Fund Saving Group) and purchasing using various online payment methods. The usage of this website, the Bachat Gats can enhance the performance of their services. E-commerce is used to enhance the advertising of Bachat Gats products. This web application will have all of the factors that must include in online shopping site. This website will assist customer to discover exclusive products, their features and updates without problems. First customers will register in it. Product can be shop via this website by adding into cart, putting orders and orders records, this way products can be purchased. Admin have to manage goods of product and check discount of product through registered account. The web application will help to admin in managing and updating products. Additionally, brief and clean comparison of different products inside the website for the consumer through distinct filters. The portal makes use of wire transfer or net banking and permits payment via debit/credit card, digital wallets or online pay app. This can decrease manual operations requires to keep all records of booking information and additionally generate numerous reports and analysis. Main concept is to preserve purchaser information and enter transaction reviews. Therefore, this website can be applied in any Bachat Gat to keep their records without difficulty and selling their products.

## OBJECTIVE OF PROJECT:

- To make earning from making and selling different products.
- To reach out their existence to all the pe



# STRUCTURE OF TABLE

## ■ Projects:

```
MariaDB [(none)]> create database Samikshal;
ERROR 1007 (HY000): Can't create database 'samikshal'; database exists
MariaDB [(none)]> use Samikshal;
Database changed
MariaDB [Samikshal]>
MariaDB [Samikshal]> create table Projects
-> (Slno int,
-> Product_no int,
-> Product_Name varchar(50) Primary Key,
-> Nameof_Group varchar(50),
-> Place varchar(25),
-> order_date date not null,
-> delivery_date date not null);
ERROR 1050 (42501): Table 'projects' already exists
MariaDB [Samikshal]> desc Projects;
```

Field	Type	Null	Key	Default	Extra
Slno	int(11)	YES		NULL	
Product_no	int(11)	YES		NULL	
Product_Name	varchar(50)	NO	PRI	NULL	
Nameof_Group	varchar(50)	YES		NULL	
Place	varchar(25)	YES		NULL	
order_date	date	NO		NULL	
delivery_date	date	NO		NULL	

7 rows in set (0.027 sec)

## ■ Admin:

```
MariaDB [Samikshal]> create table Admin
-> (Sl_No int,
-> Admin_Id varchar(50) primary key,
-> Name varchar(50),
-> Age int,e_mail varchar(50),
-> Place varchar(50),
-> Product_Name varchar(50) ,
-> foreign key(Product_Name)references Projects(Product_Name));
Query OK, 0 rows affected (0.062 sec)
```

```
MariaDB [Samikshal]> desc Admin;
```

Field	Type	Null	Key	Default	Extra
Sl_No	int(11)	YES		NULL	
Admin_Id	varchar(50)	NO	PRI	NULL	
Name	varchar(50)	YES		NULL	
Age	int(11)	YES		NULL	
e_mail	varchar(50)	YES		NULL	
Place	varchar(50)	YES		NULL	
Product_Name	varchar(50)	YES	MUL	NULL	

7 rows in set (0.004 sec)

## ■ User:

```
MariaDB [Samikshal]> create table user1
-> (Sl_No int,
-> User_Id varchar(50) primary key,
-> Name varchar(50),Age int,
-> e_mail varchar(50),
-> Place varchar(50),
-> Product_Name varchar(50) ,
-> foreign key(Product_Name)references Projects(Product_Name));
Query OK, 0 rows affected (0.060 sec)

MariaDB [Samikshal]> desc user1;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Sl_No      | int(11)   | YES  |     | NULL    |       |
| User_Id    | varchar(50) | NO   | PRI | NULL    |       |
| Name       | varchar(50) | YES  |     | NULL    |       |
| Age        | int(11)   | YES  |     | NULL    |       |
| e_mail     | varchar(50) | YES  |     | NULL    |       |
| Place      | varchar(50) | YES  |     | NULL    |       |
| Product_Name | varchar(50) | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.004 sec)
```

## ■ Products:

```
MariaDB [Samikshal]> describe Products;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Sl_No      | int(11)   | YES  |     | NULL    |       |
| Product_No | varchar(50) | NO   | PRI | NULL    |       |
| Typeof_Product | varchar(50) | YES  |     | NULL    |       |
| Price      | int(11)   | YES  |     | NULL    |       |
| quantity   | varchar(50) | YES  |     | NULL    |       |
| Product_Name | varchar(50) | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.047 sec)
```

# CONTENTS OF TABLES:

## 1)Projects:

```
MariaDB [Samikshal]>
MariaDB [Samikshal]> insert into Projects values(1,101,"Kokum Agal","Shree Ganesha","Ratnagiri","2023/09/29","2023/10/10");
ERROR 1062 (23000): Duplicate entry 'Kokum Agal' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(2,102,"Turmeric Powder","Ganesha","Ratnagiri","2023/06/07","2023/06/15");
ERROR 1062 (23000): Duplicate entry 'Turmeric Powder' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(3,103,"Butter Milk Chillies","Mother Teresa","Ratnagiri","2023/02/11","2023/02/20");
ERROR 1062 (23000): Duplicate entry 'Butter Milk Chillies' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(4,104,"Jackfruit Chips","Ganesha","Ratnagiri","2023/02/11","2023/02/20");
ERROR 1062 (23000): Duplicate entry 'Jackfruit Chips' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(5,105,"Avala Candy","Ganesha","Ratnagiri","2023/12/11","2023/12/20");
ERROR 1062 (23000): Duplicate entry 'Avala Candy' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(6,106,"Kokum","Shree Ganesha","Ratnagiri","2023/03/14","2023/03/25");
ERROR 1062 (23000): Duplicate entry 'Kokum' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(7,107,"Coconut Oil","Shree Ganesha","Ratnagiri","2023/07/11","2023/07/20");
ERROR 1062 (23000): Duplicate entry 'Coconut Oil' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(8,108,"Ghavan Peeth","Ganesha","Ratnagiri","2023/10/02","2023/10/20");
ERROR 1062 (23000): Duplicate entry 'Ghavan Peeth' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(9,109,"Malvani Masala","Ganesha","Ratnagiri","2023/02/11","2023/02/20");
ERROR 1062 (23000): Duplicate entry 'Malvani Masala' for key 'PRIMARY'
MariaDB [Samikshal]> insert into Projects values(10,110,"Kokum Sharabat","Mother Teresa","Ratnagiri","2023/05/10","2023/05/15");
ERROR 1062 (23000): Duplicate entry 'Kokum Sharabat' for key 'PRIMARY'
MariaDB [Samikshal]>
MariaDB [Samikshal]>
MariaDB [Samikshal]> select * from Projects;
```

Slno	Product_no	Product_Name	Nameof_Group	Place	order_date	delivery_date
5	105	Avala Candy	Ganesha	Ratnagiri	2023-12-11	2023-12-20
3	103	Butter Milk Chillies	Mother Teresa	Ratnagiri	2023-02-11	2023-02-20
7	107	Coconut Oil	Shree Ganesha	Ratnagiri	2023-07-11	2023-07-20
8	108	Ghavan Peeth	Ganesha	Ratnagiri	2023-10-02	2023-10-20
4	104	Jackfruit Chips	Ganesha	Ratnagiri	2023-02-11	2023-02-20
6	106	Kokum	Shree Ganesha	Ratnagiri	2023-03-14	2023-03-25
1	101	Kokum Agal	Shree Ganesha	Ratnagiri	2023-09-29	2023-10-10
10	110	Kokum Sharabat	Mother Teresa	Ratnagiri	2023-05-10	2023-05-15
9	109	Malvani Masala	Ganesha	Ratnagiri	2023-02-11	2023-02-20
2	102	Turmeric Powder	Ganesha	Ratnagiri	2023-06-07	2023-06-15

## 2)Admin:

```
MariaDB [Samikshal]> insert into Admin values(4,"A104","Shamal",26,"shamal1977@gamil.com","Ratnagiri","Malvani Masala");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Admin values(5,"A105","Pratiksha",39,"pratiksha0@gamil.com","Ratnagiri","Kokum Sharabat");
Query OK, 1 row affected (0.003 sec)

MariaDB [Samikshal]> insert into Admin values(6,"A106","Rasika",29,"rasika202310@gamil.com","Ratnagiri","Ghavan Peeth");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Admin values(7,"A107","Yash",29,"yash87610@gamil.com","Ratnagiri","Coconut Oil");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Admin values(8,"A108","Manish",29,"manish1023@gamil.com","Ratnagiri","Avala Candy");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Admin values(9,"A109","Kartik",30,"kartik66@gamil.com","Ratnagiri","Kokum Agal");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Admin values(10,"A110","Sayali",29,"sayali0@gamil.com","Ratnagiri","Jackfruit Chips");
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [Samikshal]>
MariaDB [Samikshal]> select * from Admin;
```

Sl_No	Admin_Id	Name	Age	e_mail	Place	Product_Name
1	A101	Shree	29	shree10@gamil.com	Ratnagiri	Kokum Agal
2	A102	Shanti	35	shanti10@gamil.com	Ratnagiri	Turmeric Powder
3	A103	Aarti	29	aarti0@gamil.com	Ratnagiri	Turmeric Powder
4	A104	Shamal	26	shamal1977@gamil.com	Ratnagiri	Malvani Masala
5	A105	Pratiksha	39	pratiksha0@gamil.com	Ratnagiri	Kokum Sharabat
6	A106	Rasika	29	rasika202310@gamil.com	Ratnagiri	Ghavan Peeth
7	A107	Yash	29	yash87610@gamil.com	Ratnagiri	Coconut Oil
8	A108	Manish	29	manish1023@gamil.com	Ratnagiri	Avala Candy
9	A109	kartik	30	kartik66@gamil.com	Ratnagiri	Kokum Agal
10	A110	Sayali	29	sayali0@gamil.com	Ratnagiri	Jackfruit Chips

```
10 rows in set (0.000 sec)
```

### 3)User:

```
MariaDB [Samikshal]> insert into user1 values(4,"U104","Rani",22,"rani1@gmail.com","Navi-Mumbai","Jackfruit Chips");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into user1 values(5,"U105","Samyak",15,"samyak1@gmail.com","Ratnagiri","Turmeric powder");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into user1 values(6,"U106","Vinod",50,"vinod1@gmail.com","Ratnagiri","Kokum");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into user1 values(7,"U107","shamal",45,"shamal1@gmail.com","Guhagar","Coconut Oil");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into user1 values(8,"U108","Aniket",32,"aniket1@gmail.com","kamothe","Ghavan Peeth");
Query OK, 1 row affected (0.003 sec)

MariaDB [Samikshal]> insert into user1 values(9,"U109","Anup",26,"anup1@gmail.com","dapoli","Malvani Masala");
Query OK, 1 row affected (0.003 sec)

MariaDB [Samikshal]> insert into user1 values(10,"U110","Rishi",24,"rishil@gmail.com","delhi","kokum");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]>
MariaDB [Samikshal]> select* from user1;
+-----+-----+-----+-----+-----+-----+-----+
| Sl_No | User_Id | Name  | Age  | e_mail      | Place      | Product_Name |
+-----+-----+-----+-----+-----+-----+-----+
| 1     | U101    | Aman  | 22   | aman1@gamil.com | Mumbai     | Kokum Agal   |
| 2     | U102    | Karn  | 25   | karn1@gmail.com  | Pune       | Turmeric Powder |
| 3     | U103    | Kavya | 21   | kavya1@gmail.com | channai    | Butter Milk Chillies |
| 4     | U104    | Rani  | 22   | rani1@gmail.com  | Navi-Mumbai | Jackfruit Chips |
| 5     | U105    | Samyak | 15   | samyak1@gmail.com | Ratnagiri  | Turmeric powder |
| 6     | U106    | Vinod | 50   | vinod1@gmail.com | Ratnagiri  | Kokum         |
| 7     | U107    | shamal | 45   | shamal1@gmail.com | Guhagar    | Coconut Oil   |
| 8     | U108    | Aniket | 32   | aniket1@gmail.com | kamothe    | Ghavan Peeth  |
| 9     | U109    | Anup  | 26   | anup1@gmail.com  | dapoli     | Malvani Masala |
| 10    | U110    | Rishi | 24   | rishil@gmail.com | delhi      | kokum         |
+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.001 sec)
```

### 4)Products:

```
MariaDB [Samikshal]> insert into Products values(5,"P105","Spices",100,"100g","Turmeric powder");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Products values(6,"P106","flour",160,"100g","Ghavan Peeth");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Products values(7,"P107","Oil",160,"1L","Coconut Oil");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Products values(8,"P108","kokum",50,"50g","Kokum");
Query OK, 1 row affected (0.002 sec)

MariaDB [Samikshal]> insert into Products values(9,"P109","Flour",500,"200g","Ghavan Peeth");
Query OK, 1 row affected (0.001 sec)

MariaDB [Samikshal]> insert into Products values(10,"P110","Snacks",110,"75g","Jackfruit Chips");
Query OK, 1 row affected (0.004 sec)

MariaDB [Samikshal]> select* from products
-> desc Products;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'desc Products' at line 2
MariaDB [Samikshal]> select * from Products;
+-----+-----+-----+-----+-----+-----+-----+
| Sl_No | Product_No | Typeof_Product | Price | quantity | Product_Name |
+-----+-----+-----+-----+-----+-----+-----+
| 1     | P101       | kokum           | 110   | 1L        | Kokum Agal   |
| 2     | P102       | Snacks          | 150   | 100g      | Jackfruit Chips |
| 3     | P103       | Spices          | 200   | 100g      | Malvani Masala |
| 4     | P104       | Spices          | 250   | 100g      | Butter Milk Chillies |
| 5     | P105       | Spices          | 100   | 100g      | Turmeric powder |
| 6     | P106       | flour           | 160   | 100g      | Ghavan Peeth  |
| 7     | P107       | Oil             | 160   | 1L        | Coconut Oil   |
| 8     | P108       | kokum           | 50    | 50g       | Kokum         |
| 9     | P109       | Flour           | 500   | 200g      | Ghavan Peeth  |
| 10    | P110       | Snacks          | 110   | 75g       | Jackfruit Chips |
+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.001 sec)
```

## Where

1)create a table for Admin Place is Ratnagiri

```
MariaDB [Samiksha1]> select Admin_Id,e_mail,Age,Product_Name from Admin where Place="Ratnagiri";
```

Admin_Id	e_mail	Age	Product_Name
A101	shree10@gamil.com	29	Kokum Agal
A102	shanti10@gamil.com	35	Turmeric Powder
A103	aarti0@gamil.com	29	Turmeric Powder
A104	shamal1977@gamil.com	26	Malvani Masala
A105	pratiksha0@gamil.com	39	Kokum Sharabat
A106	rasika202310@gamil.com	29	Ghavan Peeth
A107	yash87610@gamil.com	29	Coconut Oil
A108	manish1023@gamil.com	29	Avala Candy
A109	kartik66@gamil.com	30	Kokum Agal
A110	sayali0@gamil.com	29	Jackfruit Chips

10 rows in set (0.001 sec)

2)Create the Table to find out date between “2023/02/10 “ and “2023/07/20”

```
MariaDB [Samiksha1]> select * from Projects where delivery_date between "2023/02/10" and "2023/07/20";
```

Slno	Product_no	Product_Name	Nameof_Group	Place	order_date	delivery_date
3	103	Butter Milk Chillies	Mother Teresa	Ratnagiri	2023-02-11	2023-02-20
7	107	Coconut Oil	Shree Ganesha	Ratnagiri	2023-07-11	2023-07-20
4	104	Jackfruit Chips	Ganesha	Ratnagiri	2023-02-11	2023-02-20
6	106	Kokum	Shree Ganesha	Ratnagiri	2023-03-14	2023-03-25
10	110	Kokum Sharabat	Mother Teresa	Ratnagiri	2023-05-10	2023-05-15
9	109	Malvani Masala	Ganesha	Ratnagiri	2023-02-11	2023-02-20
2	102	Turmeric Powder	Ganesha	Ratnagiri	2023-06-07	2023-06-15

7 rows in set (0.001 sec)



### 3) Show the Information associated with the Product\_Name="kokum"

```
MariaDB [Samiksha1]> select user_Id,e_mail,Age from user1 where Product_Name="Kokum";
```

user_Id	e_mail	Age
U106	vinod1@gmail.com	50
U110	rishi1@gmail.com	24

```
2 rows in set (0.001 sec)
```

## Joins

### 1)Left join:

```
select user1.user_Id, user1.Name,  
user1.Place,user1.product_Name,Products.Typeof_Product from user1 left join Products on  
Products.Product_Name=user1.Product_Name;
```

```
MariaDB [Samiksha1]> select user1.user_Id,user1.Name,user1.Place,user1.product_Name,Products.Typeof_Product from user1 left join Products on Products.Product_Name=user1.Product_Name;
```

user_Id	Name	Place	product_Name	Typeof_Product
U101	Aman	Mumbai	Kokum Agal	kokum
U102	Karn	Pune	Turmeric Powder	Spices
U103	Kavya	channai	Butter Milk Chillies	Spices
U104	Rani	Navi-Mumbai	Jackfruit Chips	Snacks
U104	Rani	Navi-Mumbai	Jackfruit Chips	Snacks
U105	Samyak	Ratnagiri	Turmeric powder	Spices
U106	Vinod	Ratnagiri	Kokum	kokum
U107	shamal	Guhagar	Coconut Oil	Oil
U108	Aniket	kamothe	Ghavan Peeth	flour
U108	Aniket	kamothe	Ghavan Peeth	Flour
U109	Anup	dapoli	Malvani Masala	Spices
U110	Rishi	delhi	kokum	kokum

```
12 rows in set (0.001 sec)
```

## 2)Right join:

```
select user1.user_Id,user1.Name,user1.Place,user1.product_Name,Products.Typeof_Product
from user1 right join Products on Products.Product_Name=user1.Product_Name order by
user1.user_id;
```

```
MariaDB [Samikshal]> select user1.user_Id,user1.Name,user1.Place,user1.product_Name,Products.Typeof_Product from user1 right join Products on Products.Product_Name=user1.Product_Name order by user1.user_id;
```

user_Id	Name	Place	product_Name	Typeof_Product
U101	Aman	Mumbai	Kokum Agal	kokum
U102	Karn	Pune	Turmeric Powder	Spices
U103	Kavya	channai	Butter Milk Chillies	Spices
U104	Rani	Navi-Mumbai	Jackfruit Chips	Snacks
U104	Rani	Navi-Mumbai	Jackfruit Chips	Snacks
U105	Samyak	Ratnagiri	Turmeric powder	Spices
U106	Vinod	Ratnagiri	Kokum	kokum
U107	shamal	Guhagar	Coconut Oil	Oil
U108	Aniket	kamothe	Ghavan Peeth	flour
U108	Aniket	kamothe	Ghavan Peeth	Flour
U109	Anup	dapoli	Malvani Masala	Spices
U110	Rishi	delhi	kokum	kokum

12 rows in set (0.002 sec)

## 3)Inner join:

```
select user1.user_Id,user1.Name,user1.Place from user1 inner join Products on
Products.Product_Name=user1.Product_Name;
```

```
MariaDB [Samikshal]> select user1.user_Id,user1.Name,user1.Place from user1 inner join Products on Products.Product_Name=user1.Product_Name;
```

user_Id	Name	Place
U101	Aman	Mumbai
U102	Karn	Pune
U103	Kavya	channai
U104	Rani	Navi-Mumbai
U104	Rani	Navi-Mumbai
U105	Samyak	Ratnagiri
U106	Vinod	Ratnagiri
U107	shamal	Guhagar
U108	Aniket	kamothe
U108	Aniket	kamothe
U109	Anup	dapoli
U110	Rishi	delhi

12 rows in set (0.023 sec)

#### 4)Cross join:

select user1.user\_Id,user1.Name,user1.Place,user1.Product\_Name from user1 cross join Products;

```
MariaDB [Samiksha1]> select user1.user_Id,user1.Name,user1.Place,user1.Product_Name from user1 cross join Products;
```

user_Id	Name	Place	Product_Name
U101	Aman	Mumbai	Kokum Agal
U102	Karn	Pune	Turmeric Powder
U103	Kavya	channai	Butter Milk Chillies
U104	Rani	Navi-Mumbai	Jackfruit Chips
U105	Samyak	Ratnagiri	Turmeric powder
U106	Vinod	Ratnagiri	Kokum
U107	shamal	Guhagar	Coconut Oil
U108	Aniket	kamothe	Ghavan Peeth
U109	Anup	dapoli	Malvani Masala
U110	Rishi	delhi	kokum
U101	Aman	Mumbai	Kokum Agal
U102	Karn	Pune	Turmeric Powder
U103	Kavya	channai	Butter Milk Chillies
U104	Rani	Navi-Mumbai	Jackfruit Chips
U105	Samyak	Ratnagiri	Turmeric powder
U106	Vinod	Ratnagiri	Kokum
U107	shamal	Guhagar	Coconut Oil
U108	Aniket	kamothe	Ghavan Peeth
U109	Anup	dapoli	Malvani Masala
U110	Rishi	delhi	kokum

## SUBQURIES

1)Show the details of the Sl\_No Associated with the Product\_Name having Sl\_No=6

select \* from admin where Sl\_NO in (select Sl\_No from Products where Product\_Name="Ghavan peeth") having Sl\_No=6;

```
MariaDB [Samiksha1]> select * from admin where Sl_NO in (select Sl_No from Products where Product_Name="Ghavan peeth") having Sl_No=6;
```

Sl_No	Admin_Id	Name	Age	e_mail	Place	Product_Name
6	A106	Rasika	29	rasika202310@gamil.com	Ratnagiri	Ghavan Peeth

1 row in set (0.024 sec)

2) Show the details of the Sl\_No Associated with the Product\_Name having Place="Ratnagiri"

```
select * from user1 where Sl_No in (select Sl_No from Projects where Product_Name="Turmeric powder") having Place="Ratnagiri";
```

```
MariaDB [Samikshal]> select * from user1 where Sl_No in (select Sl_No from Projects where Product_Name="Turmeric powder") having Place="Ratnagiri";
```

Sl_No	User_Id	Name	Age	e_mail	Place	Product_Name
5	U105	Samyak	15	samyak1@gmail.com	Ratnagiri	Turmeric powder
6	U106	Vinod	50	vinod1@gmail.com	Ratnagiri	Kokum

```
2 rows in set (0.001 sec)
```

3) Show the count of Product\_Name From Products

```
select count(Product_Name) from Products group by Product_Name;
```

```
MariaDB [Samikshal]> select count(Product_Name) from Products group by Product_Name;
```

count(Product_Name)
1
1
2
2
1
1
1
1

```
8 rows in set (0.001 sec)
```

## BUILT-IN FUNCTIONS

1) Math

2) String

3) Datetime

4) Aggregate

```
MariaDB [Samiksha1]> select abs(-2700);
+-----+
| abs(-2700) |
+-----+
|         2700 |
+-----+
1 row in set (0.002 sec)
```

```
MariaDB [Samiksha1]>
MariaDB [Samiksha1]> select ascii("S");
+-----+
| ascii("S") |
+-----+
|          83 |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Samiksha1]> select char(65),char(97),char(82),char(77);
+-----+-----+-----+-----+
| char(65) | char(97) | char(82) | char(77) |
+-----+-----+-----+-----+
| A       | a       | R       | M       |
+-----+-----+-----+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Samiksha1]> select ord("M"),ord("A"),ord("C");
+-----+-----+-----+
| ord("M") | ord("A") | ord("C") |
+-----+-----+-----+
|        77 |        65 |        67 |
+-----+-----+-----+
1 row in set (0.000 sec)
```

```
MariaDB [Samiksha1]> select curtime();
+-----+
| curtime() |
+-----+
| 18:10:04  |
+-----+
1 row in set (0.000 sec)
```

# Like Operator

## 1)Start with S

```
MariaDB [Samikshal]> select * from Admin where Name like "S%";
```

Sl_No	Admin_Id	Name	Age	e_mail	Place	Product_Name
1	A101	Shree	29	shree10@gamil.com	Ratnagiri	Kokum Agal
2	A102	Shanti	35	shanti10@gamil.com	Ratnagiri	Turmeric Powder
4	A104	Shamal	26	shamal1977@gamil.com	Ratnagiri	Malvani Masala
10	A110	Sayali	29	sayali0@gamil.com	Ratnagiri	Jackfruit Chips

```
4 rows in set (0.000 sec)
```

## 2)End with A

```
MariaDB [Samikshal]> select * from user1 where Name like "%a";
```

Sl_No	User_Id	Name	Age	e_mail	Place	Product_Name
3	U103	Kavya	21	kavya1@gmail.com	chennai	Butter Milk Chillies

```
1 row in set (0.001 sec)
```

## 3)Begin with K end with k

```
MariaDB [Samikshal]> select * from Admin where Name like "K%k";
```

Sl_No	Admin_Id	Name	Age	e_mail	Place	Product_Name
9	A109	kartik	30	kartik66@gamil.com	Ratnagiri	Kokum Agal

```
1 row in set (0.001 sec)
```

## 4)A as the second character

```
MariaDB [Samikshal]> select * from user1 where Name like "_a%";
```

Sl_No	User_Id	Name	Age	e_mail	Place	Product_Name
2	U102	Karn	25	karn1@gmail.com	Pune	Turmeric Powder
3	U103	Kavya	21	kavya1@gmail.com	chennai	Butter Milk Chillies
4	U104	Rani	22	rani1@gmail.com	Navi-Mumbai	Jackfruit Chips
5	U105	Samyak	15	samyak1@gmail.com	Ratnagiri	Turmeric powder

```
4 rows in set (0.001 sec)
```