

## Database Assignment 2

1. List all the vehicles who have used the charging machines at “Technopark Campus” from 9.00am to 9.00 pm on 24th Dec 2023

```
2 FROM Vehicle v
3 JOIN Customer_vehicle_mapping cvm ON v.vehicleID = cvm.vehicleID
4 JOIN Customer_station_mapping csm ON cvm.customerID = csm.customerID
5 JOIN stations s ON csm.stationID = s.stationID
6 WHERE s.location = 'Technopark Campus'
7 AND TIME(csm.startTime) BETWEEN '09:00:00' AND '21:00:00'
8 AND DATE(csm.startTime) = '2023-02-02';
```

Limit to 1000 rows

Result Grid

model
Model Y

Form Editor

2. Calculate the total revenue earned from “Technopark Campus” for the month of February 2023

```
1 • SELECT SUM(cb.billAmount) AS TotalRevenue
2 FROM Customer_station_mapping csm
3 JOIN Customer_bill cb ON csm.csID = cb.csID
4 JOIN stations s ON csm.stationID = s.stationID
5 WHERE s.location = 'Technopark Campus'
6 AND MONTH(csm.startTime) = 2
7 AND YEAR(csm.startTime) = 2023;
```

Limit to 1000 rows

Result Grid

TotalRevenue
107.00

Form Editor