**Title Of Your Project – Data Manipulation Language Scripts**

**Name – Shiva Chembeti**

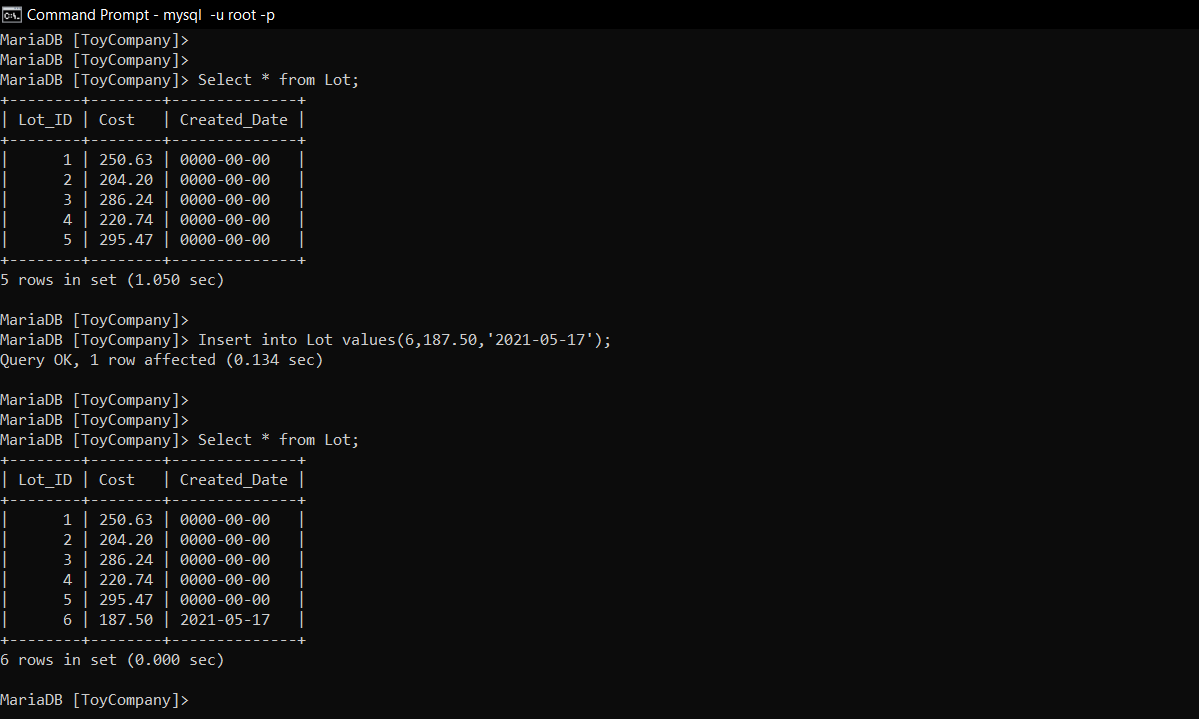
**Git Hub Link-https:** **https://github.com/Shiv-Lewis/Week3-Project4-b.git**

**Current Data- 11/17/2022**

1. **Insert one**

Select \* from Lot;

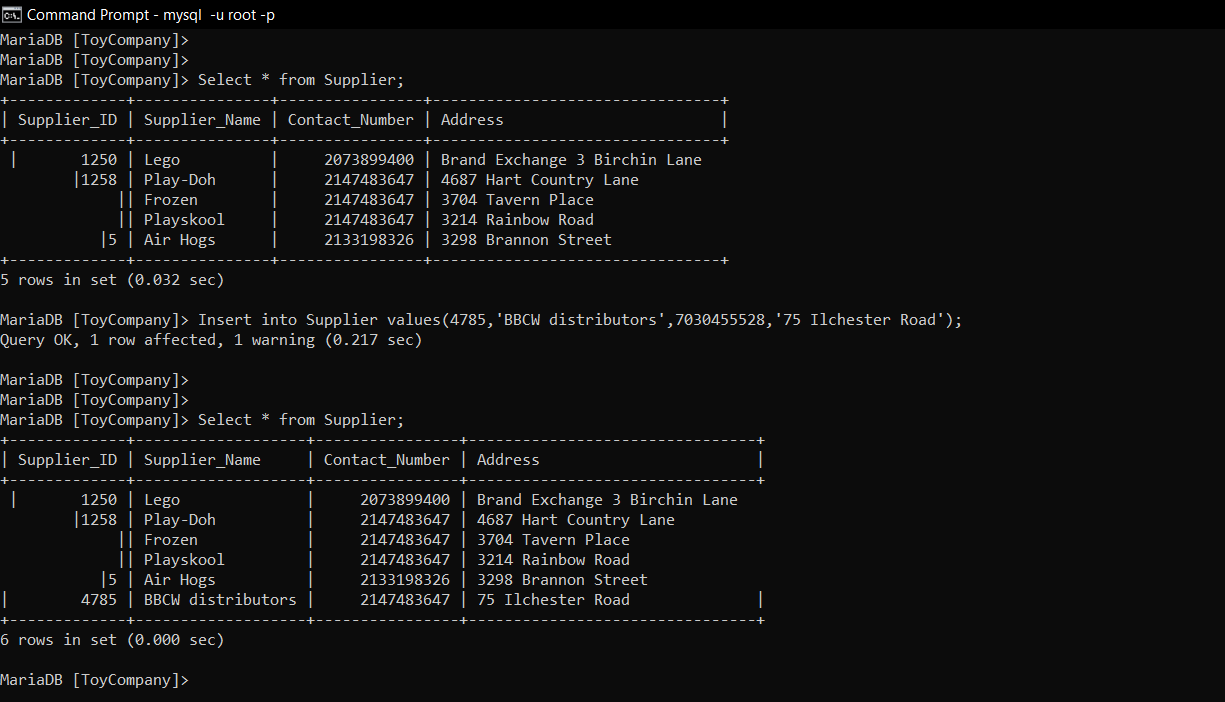
Insert into Lot values(6,187.50,'2021-05-17');



**Insert two**

Select \* from Supplier;

Insert into Supplier values(4785,'BBCW distributors',7030455528,'75 Ilchester Road');



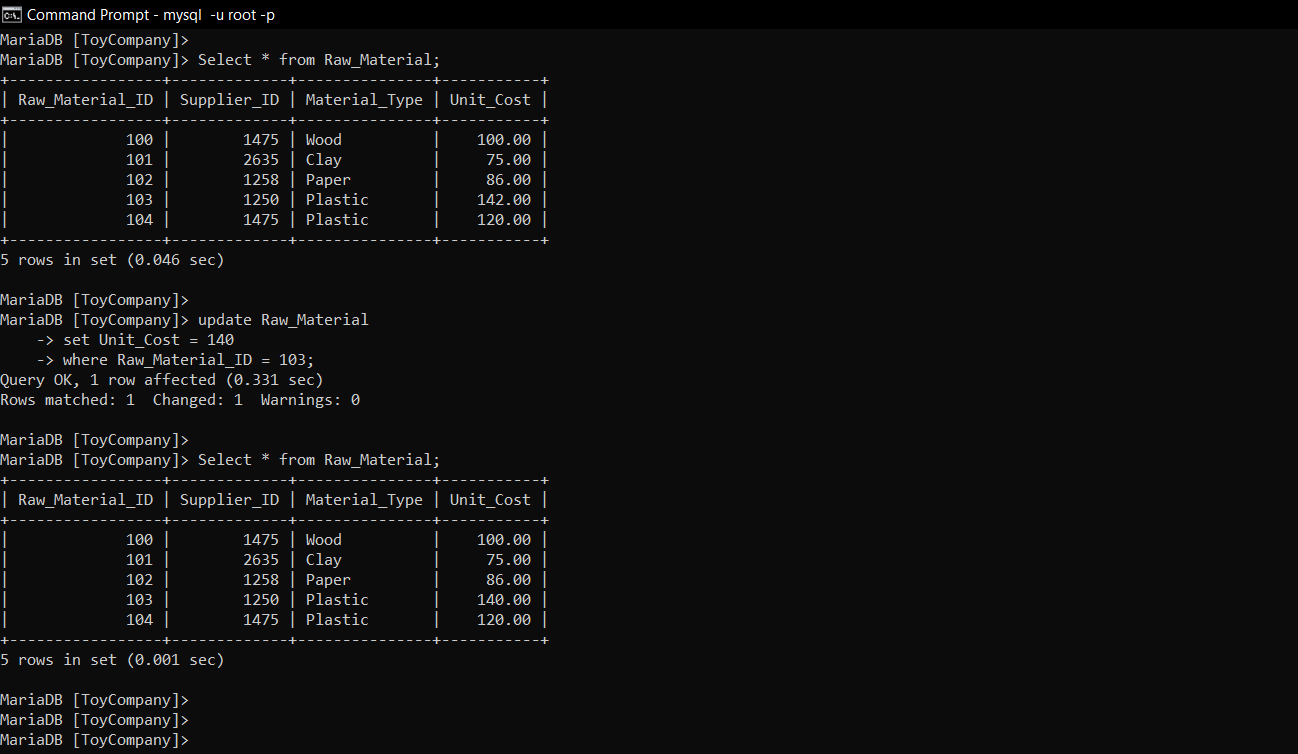
1. **Update one**

Select \* from Raw\_Material;

update Raw\_Material

set Unit\_Cost = 140

where Raw\_Material\_ID = 103;



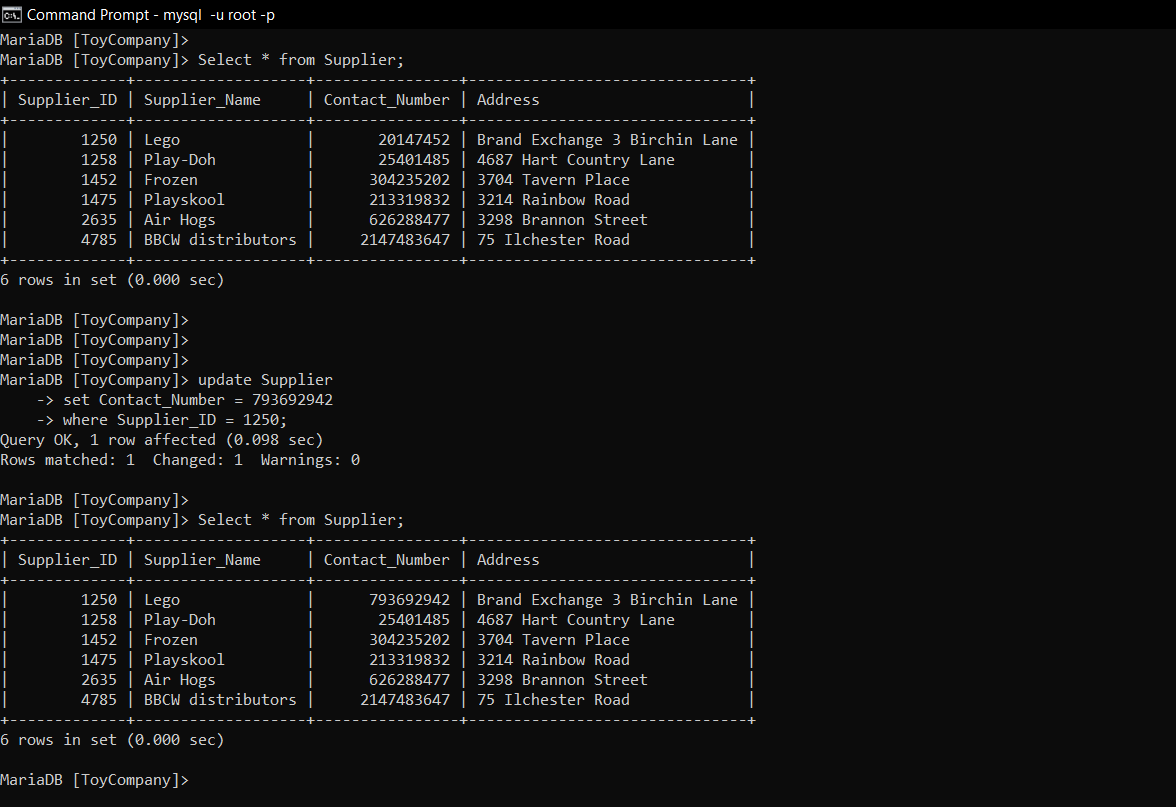
**Update two**

Select \* from Supplier;

update Supplier

set Contact\_Number = 793692942

where Supplier\_ID = 1250;

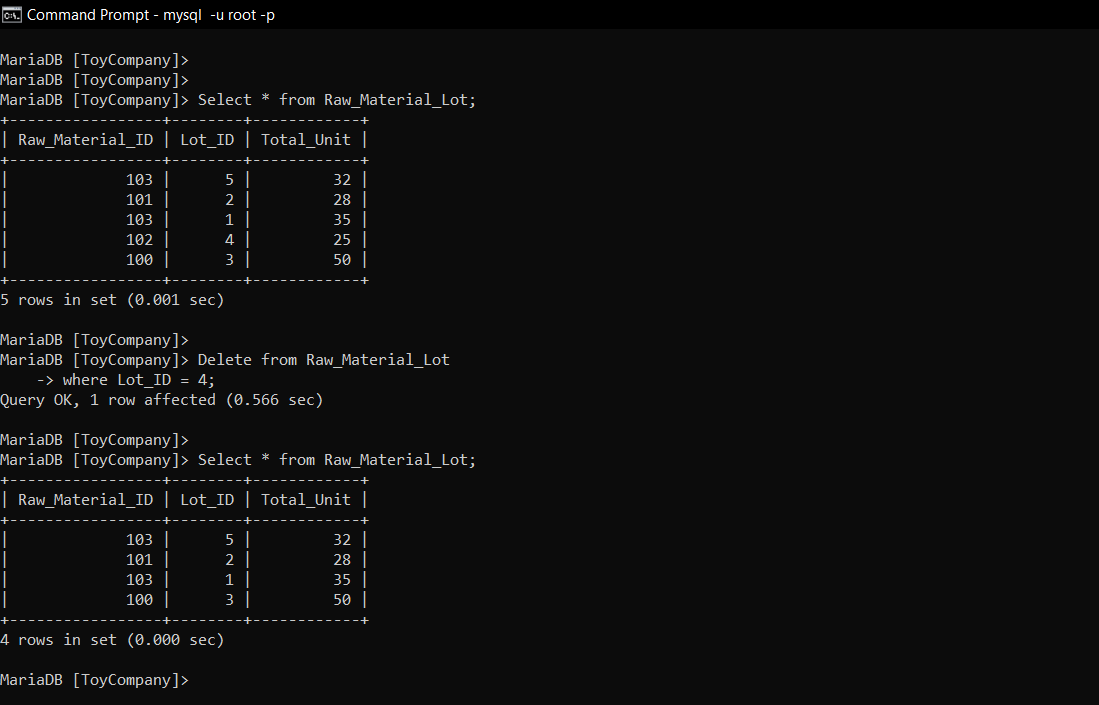


1. **Delete**

Select \* from Raw\_Material\_Lot;

Delete from Raw\_Material\_Lot

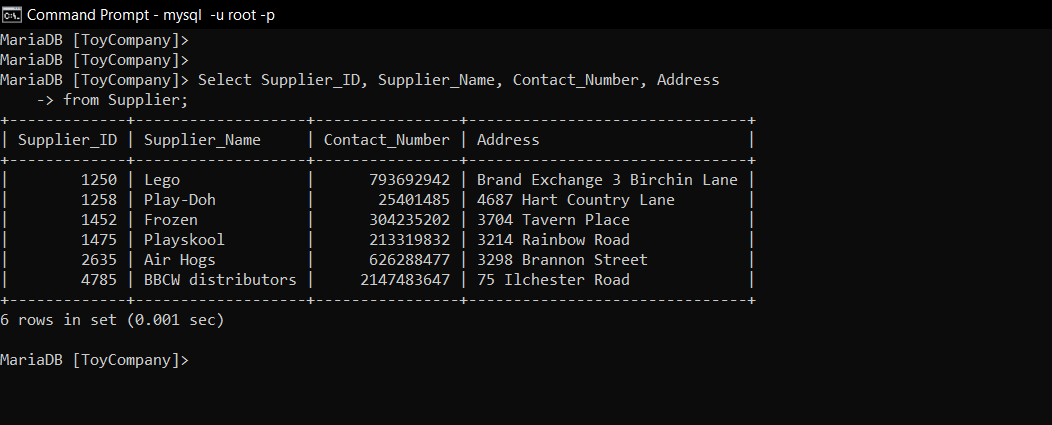
where Lot\_ID = 4;



1. **Select**

Select Supplier\_ID, Supplier\_Name, Contact\_Number, Address

from Supplier;

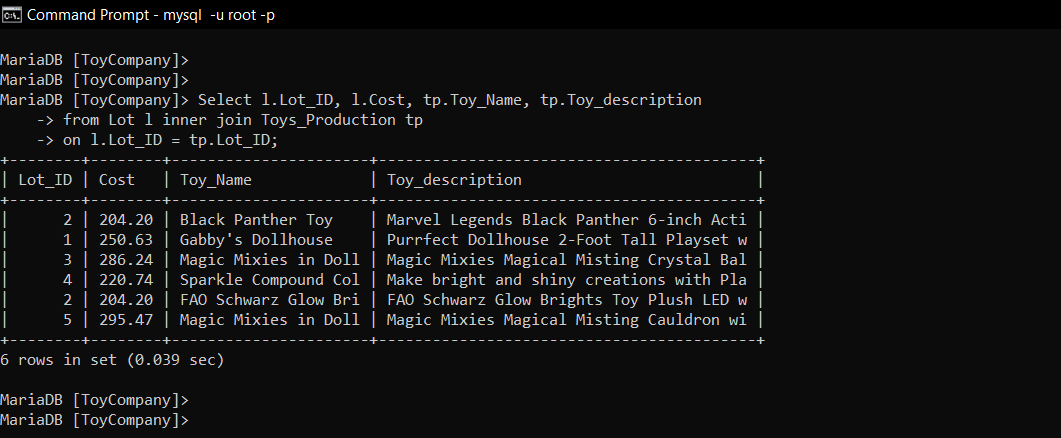


1. **Select one**

Select l.Lot\_ID, l.Cost, tp.Toy\_Name, tp.Toy\_description

from Lot l inner join Toys\_Production tp

on l.Lot\_ID = tp.Lot\_ID;

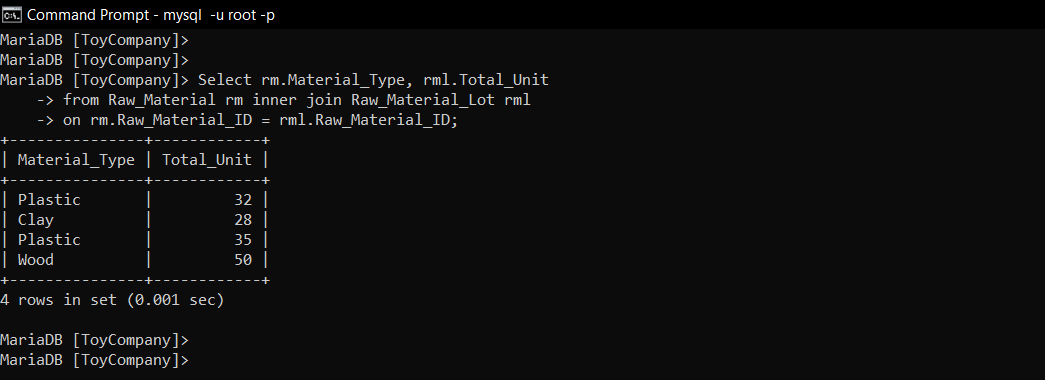


**Select two**

Select rm.Material\_Type, rml.Total\_Unit

from Raw\_Material rm inner join Raw\_Material\_Lot rml

on rm.Raw\_Material\_ID = rml.Raw\_Material\_ID;

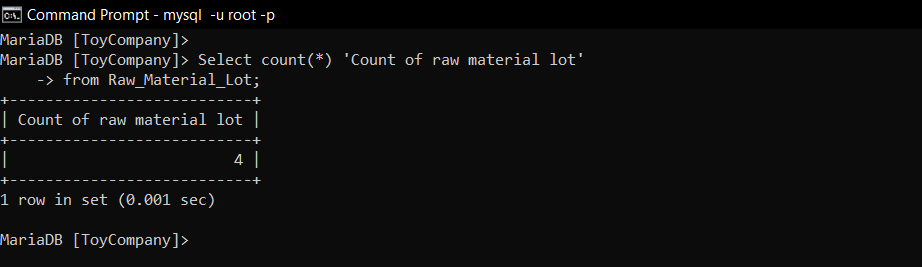


1. **Summary functions**

* **Count**

Select count(\*) 'Count of raw material lot'

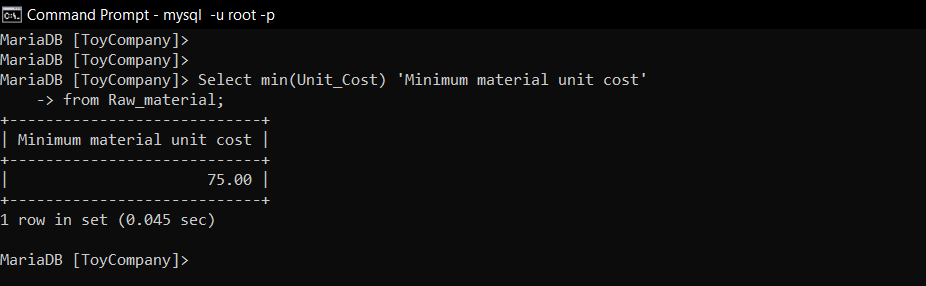
from Raw\_Material\_Lot;



* **Min**

Select min(Unit\_Cost) 'Minimum material unit cost'

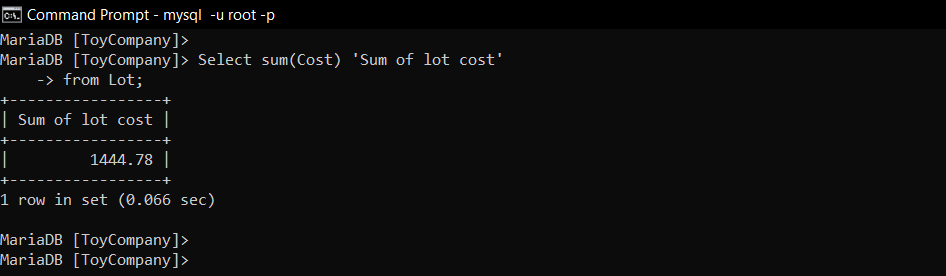
from Raw\_material;



* **Sum**

Select sum(Cost) 'Sum of lot cost'

from Lot;



1. **Multi - tab query**

Select s.Supplier\_Name, s.Contact\_Number, rm.Material\_Type, rm.Unit\_Cost,

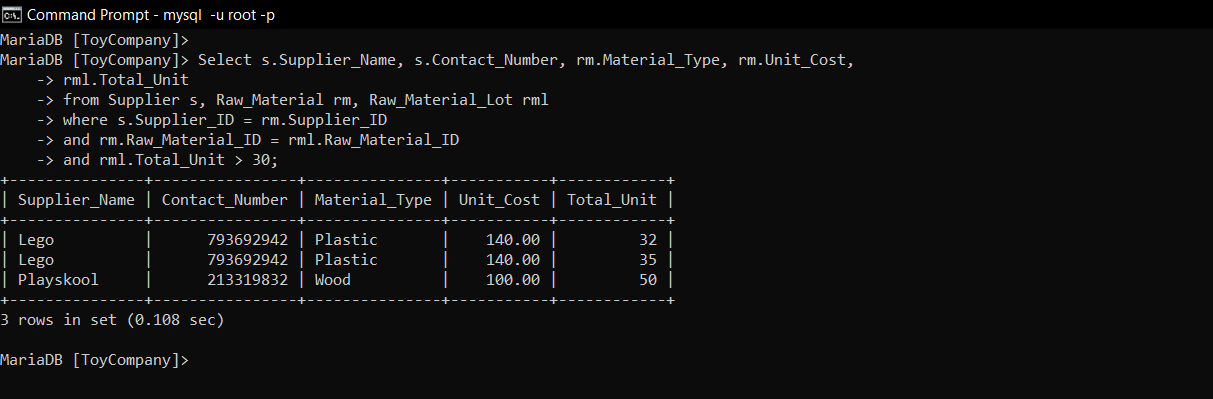
rml.Total\_Unit

from Supplier s, Raw\_Material rm, Raw\_Material\_Lot rml

where s.Supplier\_ID = rm.Supplier\_ID

and rm.Raw\_Material\_ID = rml.Raw\_Material\_ID

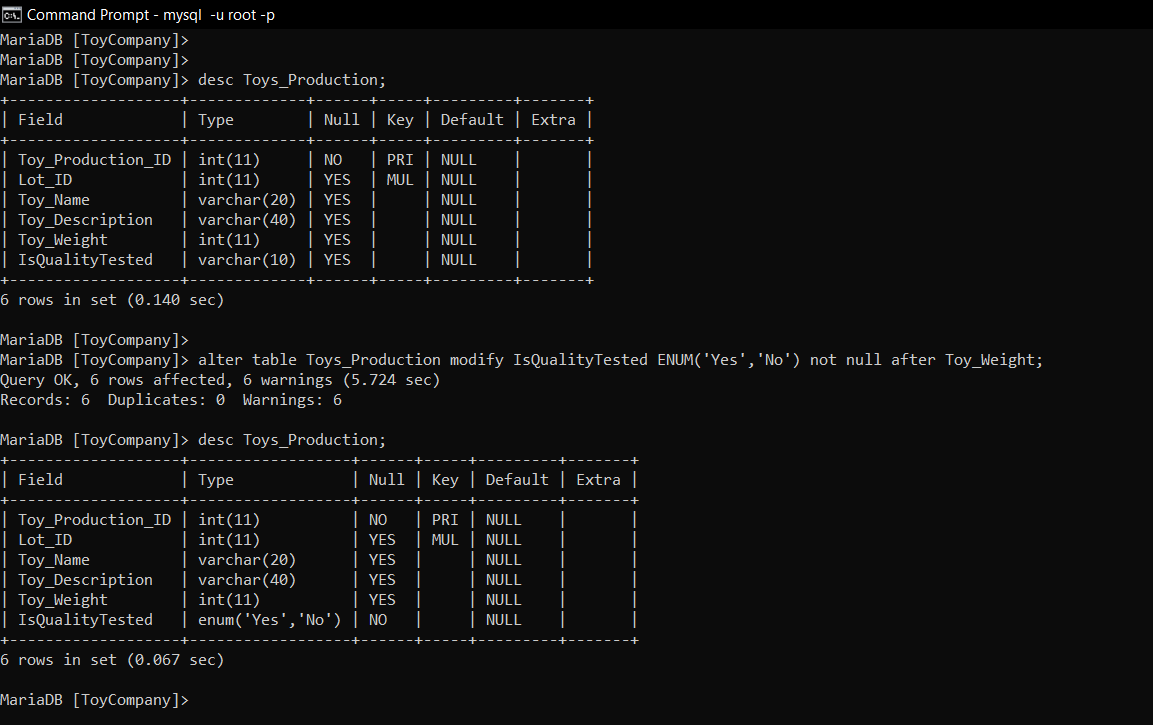
and rml.Total\_Unit > 30;



1. **Add ENUM**

desc Toys\_Production;

alter table Toys\_Production modify IsQualityTested ENUM('Yes','No') not null after Toy\_Weight;

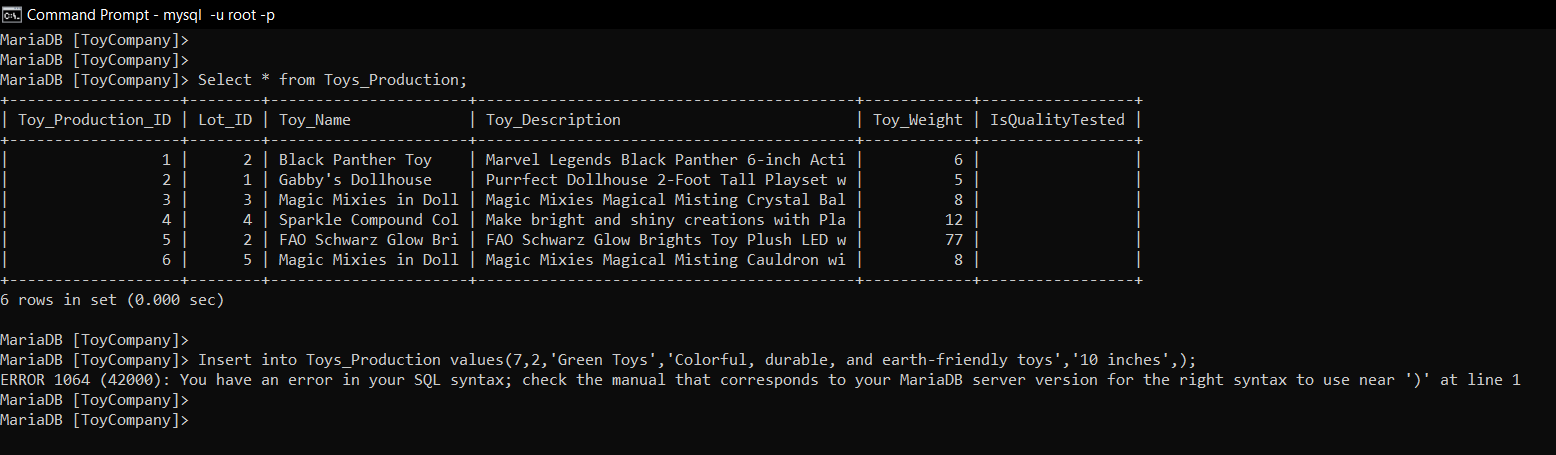


1. **Insert value in ENUM**

* **Null value**

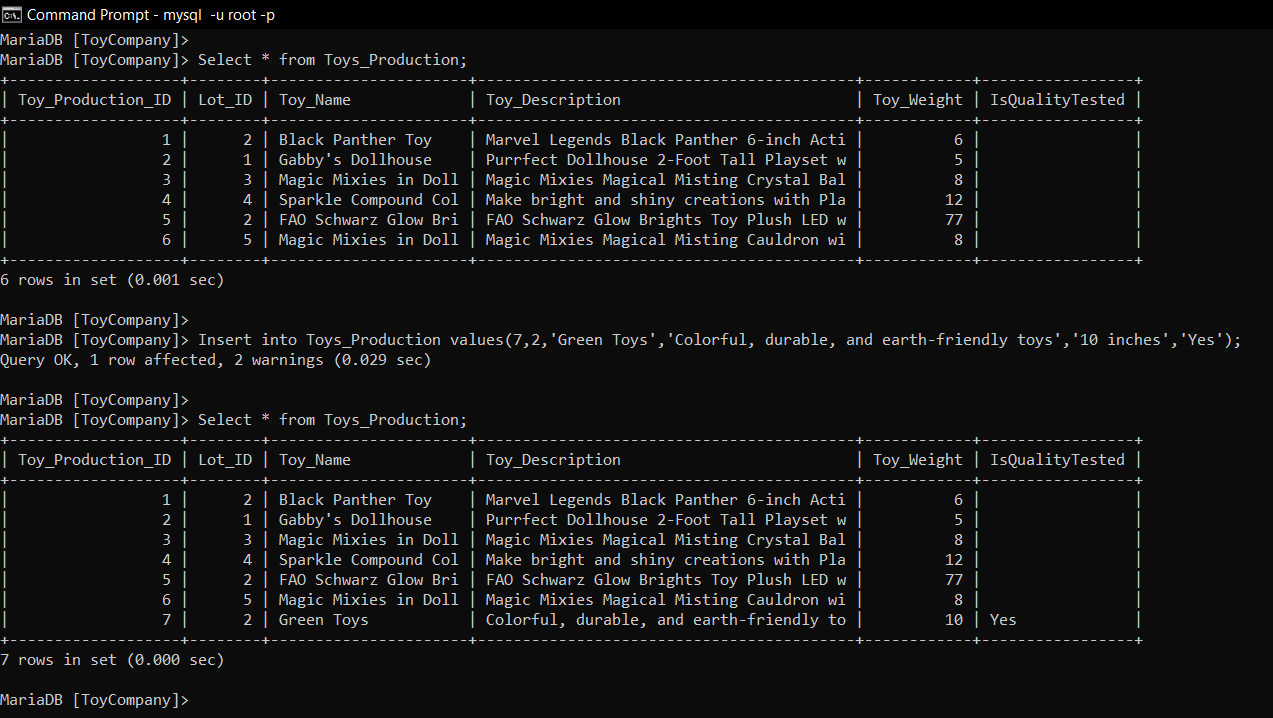
Select \* from Toys\_Production;

Insert into Toys\_Production values(7,2,'Green Toys','Colorful, durable, and earth-friendly toys','10 inches',);



Select \* from Toys\_Production;

Insert into Toys\_Production values(7,2,'Green Toys','Colorful, durable, and earth-friendly toys','10 inches','Yes');

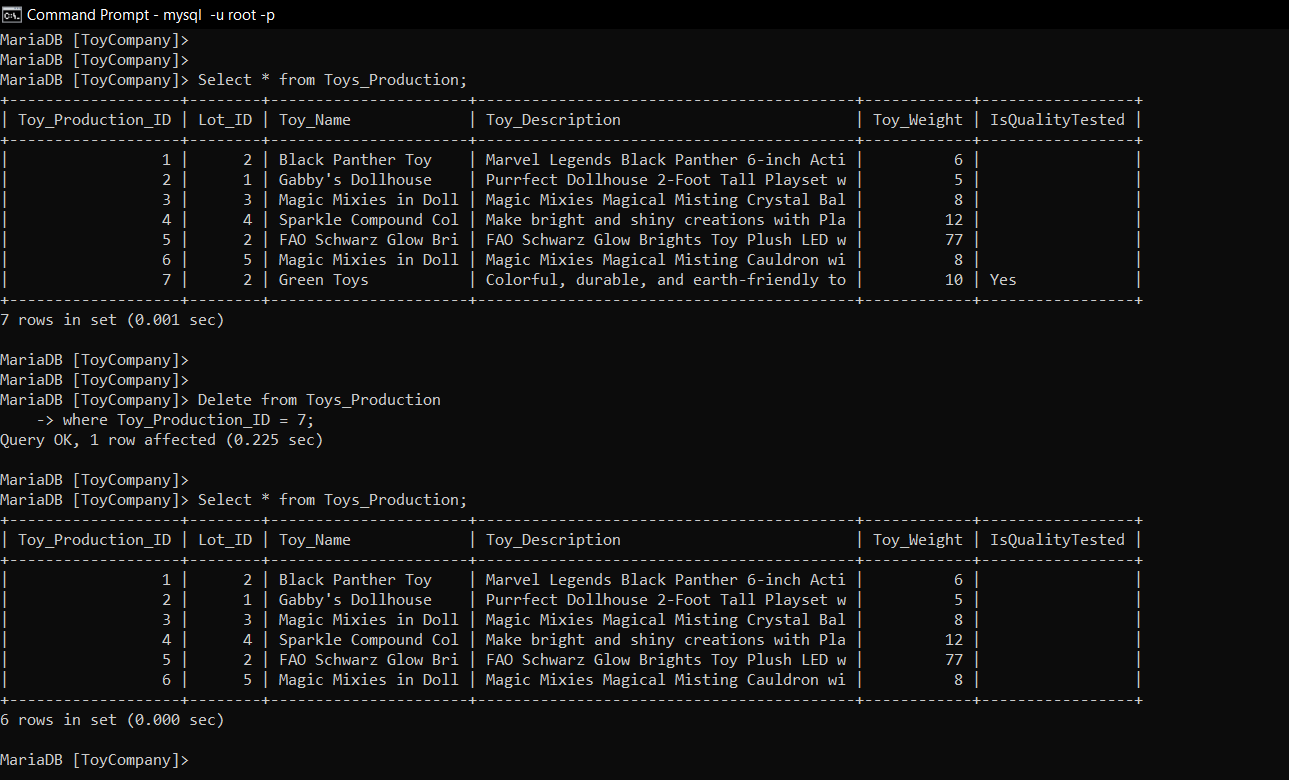


1. **Delete a value**

Select \* from Toys\_Production;

Delete from Toys\_Production

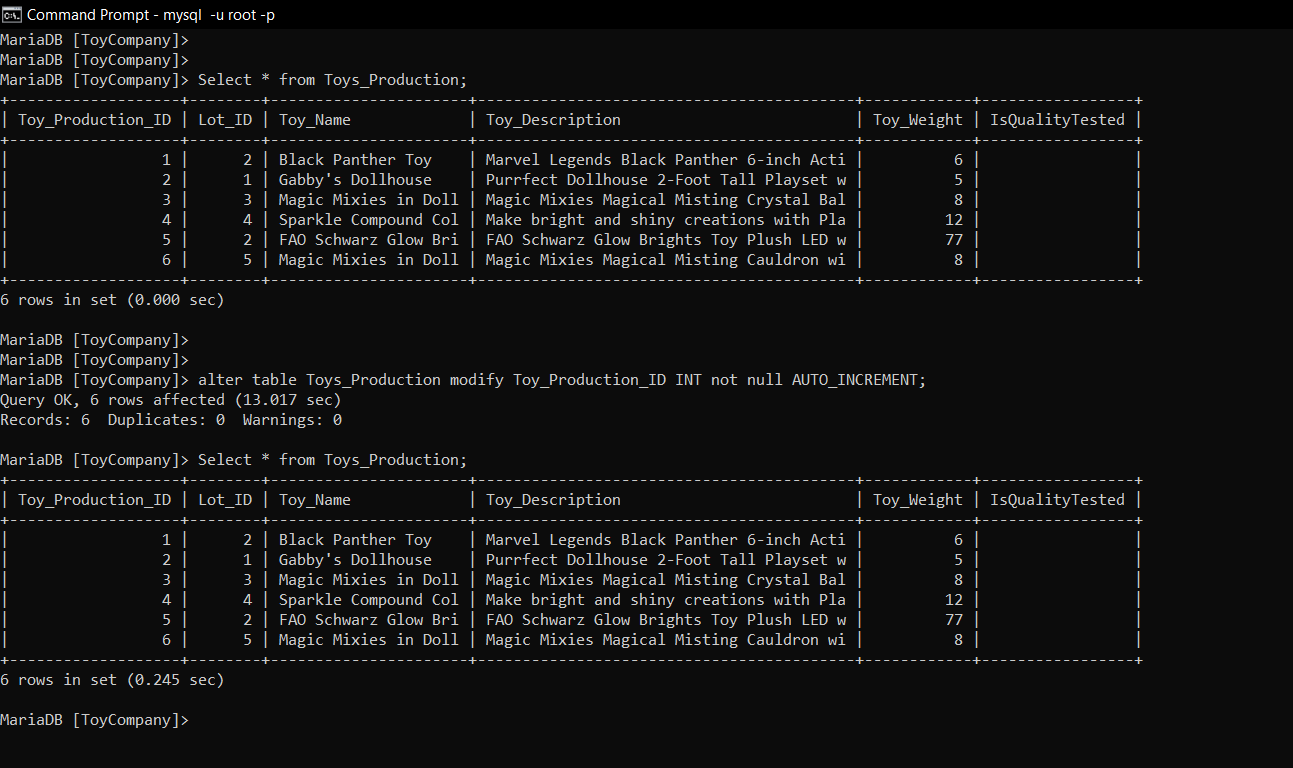
where Toy\_Production\_ID = 7;



1. **AUTO\_INCREMENT**

Select \* from Toys\_Production;

alter table Toys\_Production modify Toy\_Production\_ID INT not null AUTO\_INCREMENT;



1. **Default**

Select \* from Raw\_Material;

alter table Raw\_Material alter column Material\_Type set default 0;

