1. **Write a query to display total quantity of stocks each state wise**

**Ans**: SELECT STATE,sum(quantity) as stocks\_state\_wise

FROM stocks

FULL JOIN stores ON stores.store\_id = stocks.store\_id

GROUP BY STATE

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1. **Generate report showing store id along with number of orders for that store**

**Ans:** select c.store\_id,b.order\_id from customers as a

inner join orders as b

on a.customer\_id = b.order\_id

inner join stores as c

on c.store\_id = b.store\_id

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1. **Generate a report to display Full name of employees from staff along with phone. Phone number should be without initial code- e.g.- Fabiola Jackson – 555-5554**

**Ans :**select c.first\_name +' ' + c.last\_name +'-'+ c.phone from customers as a

inner join orders as b

on a.customer\_id = b.order\_id

inner join staffs as c

on c.staff\_id = b.order\_id

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1. **List first name of staff with his manager’s name**

**Ans:** select c.first\_name,c.manager\_id from customers as a

inner join orders as b

on a.customer\_id = b.order\_id

inner join staffs as c

on c.staff\_id = b.order\_id

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**5.Handle the error using TRY CATCH block raised due to primary key violation in given scenario.**

* 1. **Create new table demoTab having column—srno—integer, country varchar type. Srno should be primary key.**

**Add following two records to table**

**---1,India**

**1,UK**

**Ans:** begin try

create table demoTab (srno int primary key,country varchar (20))

insert into demoTab values (1,IND)

insert into demoTab values (1,UK)

end try

begin catch

insert into demoTab values (1+1,UK)

end catch

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**6.List order date, shipped date & store ID for all store of state – CA**

**Ans:** select a.customer\_id,a.state,b.order\_date,b.shipped\_date,b.store\_id from customers as a

inner join orders as b

on a.customer\_id = b.order\_id

inner join stores as c

on c.store\_id = b.store\_id

where a.state = 'CA'

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**7.Create a procedure which increases the price of products by 1000 with model year 2019**

**Ans:** create procedure incr\_price

as

update from products

list\_price+1000

where model\_year = 2019

execute incr\_price

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**8. See details of Orders table. Following status should be displayed according to order\_status column.— Order status: 1 = Pending; 2 = Processing; 3 = Rejected; 4 = Completed**

**Ans:** select order\_id,order\_status

case

when Order status=1 then 'Pending'

when Order status=2 then 'Processing'

when Order status=3 then 'Rejected'

when Order status=4 then 'Completed'

else 'NA'

end as Order

from orders

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**9.Consider category Table. List all category names of Bicycles types**

**Ans:** select \* from categories

where category\_name = 'Bicycles'

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**10.List all orders from orders table where order\_date and required\_date are same**

**Ans:-** select \* from orders

where order\_date = required\_date

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**11.List all product of brand either 9 or 8 from 2018 year**

**Ans:** select \* from brands as a

inner join products as b

on a.brand\_id = b.product\_id

where brand\_id = 9 or 8 and product= 2018

12.List report of staff member’s first name along with store name in which they are currently working

Ans: select a.first\_name +' ' + c.store\_name from customers as a

inner join orders as b

on a.customer\_id = b.order\_id

inner join stores as c

on c.store\_id = b.store\_id