**1&2**

**pack\_grades table**

create table pack\_grades(grade\_id int primary key,

grade\_name varchar(50) not null,

min\_price money,max\_price money)

Command(s) completed successfully.

INSERT pack\_grades VALUES (1, 'Very Low', 0, 10)

INSERT pack\_grades VALUES (2, 'Low', 11, 20)

INSERT pack\_grades VALUES (3, 'Medium', 21, 40)

INSERT pack\_grades VALUES (4, 'High', 41, 80)

INSERT pack\_grades VALUES (5, 'Very High', 81, 150)

**packages table**

create table packages(pack\_id int primary key,

speed int,

strt\_date date,

monthly\_payment int,

sector\_id int foreign key references sectors(sector\_id))

Command(s) completed successfully.

INSERT packages VALUES(1,'750Kbps',CAST(0x5C2C0B00 AS Date),79,1)

INSERT packages VALUES(2,'750Kbps',CAST(0x8D2D0B00 AS Date),69,1)

INSERT packages VALUES(3,'750Kbps',CAST(0x092E0B00 AS Date),59,1)

INSERT packages VALUES(4,'750Kbps',CAST(0x05300B00 AS Date),49,1)

INSERT packages VALUES(5,'750Kbps',CAST(0xF9310B00 AS Date),39,1)

INSERT packages VALUES(6,'750Kbps',CAST(0x51320B00 AS Date),29,1)

INSERT packages VALUES(7,'750Kbps',CAST(0xA42B0B00 AS Date),69,2)

INSERT packages VALUES(8,'750Kbps',CAST(0x7D2D0B00 AS Date),59,2)

INSERT packages VALUES(9,'750Kbps',CAST(0x342F0B00 AS Date),49,2)

INSERT packages VALUES(10,'750Kbps',CAST(0x9C300B00 AS Date),39,2)

INSERT packages VALUES(11,'750Kbps',CAST(0x29320B00 AS Date),29,2)

INSERT packages VALUES(12,'750Kbps',CAST(0x2C330B00 AS Date),19,2)

INSERT packages VALUES(13,'1.5Mbps',CAST(0xBD2C0B00 AS Date),89,1)

INSERT packages VALUES(14,'1.5Mbps',CAST(0xB52E0B00 AS Date),79,1)

INSERT packages VALUES(15,'1.5Mbps',CAST(0xA2300B00 AS Date),69,1)

INSERT packages VALUES(16,'1.5Mbps',CAST(0x8F310B00 AS Date),59,1)

INSERT packages VALUES(17,'1.5Mbps',CAST(0x76320B00 AS Date),49,1)

INSERT packages VALUES(18,'1.5Mbps',CAST(0x3B2D0B00 AS Date),79,2)

INSERT packages VALUES(19,'1.5Mbps',CAST(0x3C2E0B00 AS Date),69,2)

INSERT packages VALUES(20,'1.5Mbps',CAST(0xA02F0B00 AS Date),59,2)

INSERT packages VALUES(21,'1.5Mbps',CAST(0x4A310B00 AS Date),49,2)

INSERT packages VALUES(22,'1.5Mbps',CAST(0x5F320B00 AS Date),39,2)

INSERT packages VALUES(23,'2.5Mbps',CAST(0x0C2E0B00 AS Date),99,1)

INSERT packages VALUES(24,'2.5Mbps',CAST(0xD82F0B00 AS Date),89,1)

INSERT packages VALUES(25,'2.5Mbps',CAST(0xC6310B00 AS Date),79,1)

INSERT packages VALUES(26,'2.5Mbps',CAST(0x09330B00 AS Date),69,1)

INSERT packages VALUES(27,'2.5Mbps',CAST(0x8B2E0B00 AS Date),89,2)

INSERT packages VALUES(28,'2.5Mbps',CAST(0x7C2F0B00 AS Date),79,2)

INSERT packages VALUES(29,'2.5Mbps',CAST(0xEC300B00 AS Date),69,2)

INSERT packages VALUES(30,'2.5Mbps',CAST(0x66320B00 AS Date),59,2)

INSERT packages VALUES(31,'5Mbps',CAST(0x55300B00 AS Date),109,1)

INSERT packages VALUES(32,'5Mbps',CAST(0xF6300B00 AS Date),99,1)

INSERT packages VALUES(33,'5Mbps',CAST(0xDF320B00 AS Date),89,1)

INSERT packages VALUES(34,'5Mbps',CAST(0xD1300B00 AS Date),99,2)

INSERT packages VALUES(35,'5Mbps',CAST(0x24320B00 AS Date),89,2)

INSERT packages VALUES(36,'5Mbps',CAST(0x5D330B00 AS Date),79,2)

INSERT packages VALUES(37,'10Mbps',CAST(0xE8300B00 AS Date),119,1)

INSERT packages VALUES(38,'10Mbps',CAST(0xAF320B00 AS Date),109,1)

INSERT packages VALUES(39,'10Mbps',CAST(0x2A320B00 AS Date),109,2)

INSERT packages VALUES(40,'10Mbps',CAST(0x5C320B00 AS Date),99,2)

INSERT packages VALUES(41,'12Mbps',CAST(0xB2330B00 AS Date),129,1)

INSERT packages VALUES(42,'12Mbps','2005-11-03',119,2)

**sectors table**

create table sectors(sector\_id int primary key,

sector\_name varchar(50))

Command(s) completed successfully.

INSERT sectors VALUES(1,'Private')

INSERT sectors VALUES(2,'Business')

(1 row(s) affected)

(1 row(s) affected)

**customers table**

create table customers(Customer\_id int primary key,

First\_Name varchar(30) not null,

Last\_Name varchar(30) not null,

Birth\_Date date,

Join\_Date date,

City varchar(30),

StateName varchar(50),

Street varchar(30),

main\_phone\_num varchar(15),

secondary\_phone\_num varchar(15),

fax varchar(15),

monthly\_discount money,

pack\_id int foreign key references packages(pack\_id))

Command(s) completed successfully.

INSERT customers VALUES(1,'Alvin','Smith','1962-06-27',CAST(0x812D0B00 AS Date),'NewYork','NewYork','5953HollisterAvenue','567.867.3945','936.228.9436','762.788.3400',CAST(28.00 AS Decimal(4,2)),18)

INSERT customers VALUES(2,'Jose','Jones','1968-01-17',CAST(0x12300B00 AS Date),'LosAngeles','California','4081HollisterAvenue','520.336.8373','939.115.6982','711.883.3345',CAST(12.00 AS Decimal(4,2)),31)

INSERT customers VALUES(3,'Amado','Taylor','1965-08-17',CAST(0x802C0B00 AS Date),'Chicago','Illinois','3402BroderickStreet','522.501.6331','976.113.3737','767.944.7131',NULL,7)

INSERT customers VALUES(4,'Stuart','Williams','1983-05-01',CAST(0xF32E0B00 AS Date),'Houston','Texas','5543JenningsStreet','530.339.4737','963.891.4185','756.186.3634',CAST(17.00 AS Decimal(4,2)),23)

INSERT customers VALUES(5,'Demarcus','Brown','1971-12-02',CAST(0xD62C0B00 AS Date),'Philadelphia','Pennsylvania','5321LagunaStreet','580.733.2184',NULL,'760.663.2046',CAST(11.00 AS Decimal(4,2)),13)

INSERT customers VALUES(6,'Mark','Davies','1970-09-01',CAST(0xAB310B00 AS Date),'Phoenix','Arizona','5868CameronWay','557.701.1366','919.345.5511',NULL,CAST(18.00 AS Decimal(4,2)),39)

INSERT customers VALUES(7,'Merlin','Evans','1962-04-13',CAST(0xD52B0B00 AS Date),'SanAntonio','Texas','8177BrannanStreet','542.753.9215','992.959.8999',NULL,CAST(23.00 AS Decimal(4,2)),1)

INSERT customers VALUES(8,'Elroy','Wilson','1963-01-28',CAST(0x19330B00 AS Date),'SanDiego','California','1873KeyAvenue','544.172.1347','985.345.8501',NULL,CAST(6.00 AS Decimal(4,2)),42)

INSERT customers VALUES(9,'Charles','Thomas','1960-05-13',CAST(0x44320B00 AS Date),'SanJose','California','9164ValenciaStreet','515.656.3047',NULL,'799.101.7626',CAST(29.00 AS Decimal(4,2)),37)

INSERT customers VALUES(10,'Rudolph','Roberts','1973-11-05',CAST(0x412C0B00 AS Date),'Jacksonville','Florida','6308GilbertStreet','549.569.1762','942.671.2496','729.973.1742',CAST(7.00 AS Decimal(4,2)),7)

INSERT customers VALUES(11,'Laurence','Johnson','1975-11-25',CAST(0xC62F0B00 AS Date),'Indianapolis','Indiana','7529McLarenAvenue','527.138.3311','916.219.9787',NULL,CAST(9.00 AS Decimal(4,2)),34)

INSERT customers VALUES(12,'Pasquale','Lewis','1969-05-24',CAST(0x162F0B00 AS Date),'Austin','Texas','1569ClevelandStreet','566.849.6722','983.706.4341',NULL,NULL,27)

INSERT customers VALUES(13,'Pat','Walker','1985-07-02',CAST(0x8D300B00 AS Date),'SanFrancisco','California','4687SloatBoulevard','582.885.8362','938.219.8802',NULL,NULL,31)

INSERT customers VALUES(14,'Harland','Robinson','1974-04-17',CAST(0xFD2F0B00 AS Date),'Columbus','Ohio','5390MontgomeryStreet','520.519.1795','944.392.2529','721.443.8826',CAST(30.00 AS Decimal(4,2)),31)

INSERT customers VALUES(15,'Herschel','Wood','1974-07-24',CAST(0xE9320B00 AS Date),'FortWorth','Texas','7842CorbettAvenue','588.826.5279','997.263.1636','779.791.4617',CAST(30.00 AS Decimal(4,2)),41)

INSERT customers VALUES(16,'Galen','Thompson','1964-12-08',CAST(0x902B0B00 AS Date),'Charlotte','NorthCarolina','5466FarragutAvenue','599.783.7133',NULL,'753.251.6433',CAST(16.00 AS Decimal(4,2)),1)

INSERT customers VALUES(17,'Brain','White','1978-02-13',CAST(0x1F300B00 AS Date),'Detroit','Michigan','3728IngersonStreet','561.654.2679','957.711.4041','794.811.7354',NULL,34)

INSERT customers VALUES(18,'Marcel','Watson','1978-10-12',CAST(0x452E0B00 AS Date),'ElPaso','Texas','9157LeidesdorffStreet','567.827.2421','937.806.4116','723.277.6166',CAST(28.00 AS Decimal(4,2)),23)

INSERT customers VALUES(19,'Lino','Jackson','1982-06-25',CAST(0x2E2E0B00 AS Date),'Memphis','Tennessee','4542McKinnonAvenue','557.460.8507','984.433.8202','792.908.7024',CAST(6.00 AS Decimal(4,2)),27)

INSERT customers VALUES(20,'Riley','Wright','1970-02-18',CAST(0x2B2B0B00 AS Date),'Boston','Massachusetts','4848VallejoStreet','541.661.3366','931.368.3046','737.625.7424',CAST(21.00 AS Decimal(4,2)),1)

alter table packages

alter column monthly\_payment money

Command(s) completed successfully.

alter table packages

alter column speed varchar(20)

Command(s) completed successfully.

++3

select \* from customers

++4

select pack\_id,speed,monthly\_payment

from packages

++5

select Customer\_id,First\_Name,Last\_Name,main\_phone\_num,secondary\_phone\_num,pack\_id

from customers

++6

select First\_Name,Last\_Name,Join\_Date,monthly\_discount,((monthly\_discount\10)\*2)+ monthly\_discount as “monthly discount increment”, monthly\_discount –((monthly\_discount\10)\*2) as “monthly discount decrement”

from customers

++7

select pack\_id,speed,strt\_date,monthly\_payment,monthly\_payment\*12 as YearlyPayment

from packages

++8

select concat(First\_name,' ',Last\_Name) as “FULL NAME”, concat(main\_phone\_num,' ,',' ',secondary\_phone\_num) as “CONTACT DETAILS”

from customers

++9

select distinct City

from customers

++10

select distinct StateName

from customers

++11

select distinct City,StateName

from customers

++12

select concat(Last\_Name,' ',’&’,StateName) as CUSTOMER\_AND\_SATE

from customers

++13

select First\_Name as “FN”,Last\_Name as “LN”,monthly\_discount as “DC”,concat(city,' ',Street) as FULL\_ADDRESS

from customers

++14

select distinct monthly\_discount

from customers

++15

select distinct pack\_id

from customers

++16

select First\_Name,Last\_Name,pack\_id

from customers

where Last\_Name='King'

++17

select \*

from packages

where speed='5Mbps'

++18

select First\_Name,Last\_Name,pack\_id,monthly\_discount

from customers

where monthly\_discount<30

++19

select \*

from customers

where Join\_Date < '2007-01-01'

++20

select Customer\_id,First\_Name,StateName,City,pack\_id

from customers

where pack\_id in (21,28,14)

++21

select Customer\_id,First\_Name,StateName,City,pack\_id

from customers

where pack\_id not in (27,10,3)

++22

select Last\_Name,main\_phone\_num,monthly\_discount,pack\_id

from customers

where Customer\_id in (703,314,560)

++23

select First\_Name,monthly\_discount

from customers

where First\_Name like '%e'

++24

select Last\_Name,pack\_id

from customers

where Last\_Name like '\_d%'

++25

select \*

from customers

where (Last\_Name like '%l%' or

Last\_Name like '%j%' or

Last\_Name like '%h%')

order by monthly\_discount desc

++26

select First\_Name,Join\_Date,monthly\_discount,pack\_id

from customers

where Last\_Name not like '%a%'

order by pack\_id

++27

select \*

from customers

where pack\_id is null

++28

select concat(First\_Name,' ',Last\_Name),monthly\_discount

from customers

where monthly\_discount not between 20 and 30

++29

select concat(First\_Name,' ',Last\_Name)as “FULL NAME”,concat(main\_phone\_num,' ',Street) as CONTACTS,monthly\_discount as DC

from customers

where monthly\_discount between 11 and 27

++30

select \*

from customers

where (City='New York' and monthly\_discount between 30 and 40)

or

(pack\_id not in (8,9,30) and Join\_Date < '2007-01-01')

++31

select Last\_Name,pack\_id,Birth\_Date

from customers

where Birth\_Date between '2007-12-12' and '2010-04-17'

++32

select pack\_id,Strt\_date,speed

from packages

where strt\_date <'2007-01-01'

++33

select pack\_id,speed,sector\_id

from packages

where sector\_id=1

++34

select pack\_id,speed,sector\_id

from packages

where speed= '5Mbps' or speed='10Mbps'

++35

select Last\_Name,monthly\_discount

from customers

where City='Orlando'

++36

select Last\_Name,pack\_id

from customers

where pack\_id in (9,18)

select Last\_Name,pack\_id

from customers

where pack\_id =9 or pack\_id=18

++37

select First\_Name,main\_phone\_num,secondary\_phone\_num

from customers

where secondary\_phone\_num is null

++38

select first\_name,monthly\_discount,pack\_id

from customers

where monthly\_discount is null

++39

select Customer\_id,lower(First\_Name),upper(Last\_Name)

from customers

where Customer\_id between 80 and 150

++40

select First\_Name,Last\_Name,concat(substring(First\_Name,1,1),upper((substring(Last\_Name,1,3))),'@mymail.com') as email\_address

from customers

select First\_Name,Last\_Name,concat(substring(First\_Name,1,1),upper((substring(Last\_Name,len(Last\_Name)-2,3))),'@mymail.com') as email\_address

from customers

++41

select Last\_Name,len(Last\_Name)

from customers

where len(Last\_Name)>9

++42

select First\_Name,Last\_Name,main\_phone\_num,replace(main\_phone\_num,'515','$$$')as new\_phone\_num

from customers

select First\_Name,Last\_Name,main\_phone\_num,concat(replace(left(main\_phone\_num,3),'515','$$$'),substring(main\_phone\_num,4,12))as new\_phone\_num

from customers

++43

select First\_Name,monthly\_discount,(monthly\_discount+0.197),round(monthly\_discount \* 0.197,2),floor(monthly\_discount \* 0.197),ceiling(monthly\_discount \* 0.197)

from customers

++44

select First\_Name ,join\_date,DATEADD(dd, -10 , join\_date),DATEADD(mm , 1 , join\_date),DATEDIFF(dd , join\_date , getdate())

from customers

++45

select First\_Name,Birth\_Date,DATEDIFF(yy,Birth\_Date,getdate()) as age

from customers

where DATEDIFF(yy,Birth\_Date,getdate()) > 50

++46

select First\_Name , Birth\_Date

from customers

where month(Birth\_Date) = month(getdate())

AND

day(Birth\_date) = day(getdate())

++47

select First\_Name,Join\_Date,DATEDIFF(yy,Join\_Date,getdate())

from customers

where DATEDIFF(yy,Join\_Date,getdate())=5

++48

select First\_Name +' ' + cast((Join\_Date) AS VARCHAR(20)) as “First Name &Join Date,”

Last\_Name + ' ' + cast ((monthly\_discount) AS VARCHAR(20)) as “Last Name&monthly discount” from customers

++49

select Last\_Name,

upper(StateName) + ' / ' + convert(varchar , Customer\_id ,100 ) ,

convert(varchar , Birth\_Date , 103) + ' / ' + convert(varchar , join\_date , 103)

from customers

where substring(last\_name , 1 , 1) IN ('D' , 'K')

++50

select First\_Name,Last\_Name,coalesce(Birth\_Date,'N/A'),coalesce(main\_phone\_num,'N/A'),coalesce(secondary\_phone\_num,'N/A')

from customers

where pack\_id=27

select First\_Name,Last\_Name,Birth\_Date,coalesce(main\_phone\_num,'N/A'),coalesce(secondary\_phone\_num,'N/A')

from customers

where year(Birth\_Date)=1972

++51

select first\_name , last\_name , monthly\_discount ,

case when monthly\_discount BETWEEN 0 AND 10 then 'A'

when monthly\_discount BETWEEN 11 AND 20 then 'B'

when monthly\_discount BETWEEN 21 AND 30 then 'C'

else 'D'

end as 'Grades'

from customers

++52

select lower(Last\_Name) as last\_name

from customers

++53

select avg(monthly\_discount) as monthly\_discount

from customers

++54

select max(Last\_Name) as last\_name

from customers

++55

select count(pack\_id) as internet\_packages

from customers

++56

select count(\*)

from customers

++57

select count(distinct(StateName))

from customers

++58

select count(distinct(pack\_id))

from customers

++59

select count(fax) as fax\_count

from customers

where fax is not null

++60

select (count(\*) - count(fax)) as fax\_count

from customers

++61

select max(monthly\_discount) as max\_discount,min(monthly\_discount) as min\_discount,avg(monthly\_discount) as avg\_discount

from customers

++62

select StateName,count(\*) as no\_of\_state

from customers

group by StateName

++63

select speed,avg(monthly\_payment) as avg\_monthly\_payment

from packages

group by speed

++64

select StateName,count(distinct(City)) as distinct\_state

from customers

group by StateName

++65

select sector\_id,max(monthly\_payment) as max\_payment

from packages

group by sector\_id

++66

select pack\_id,avg(monthly\_discount) as avg\_monthly\_discount

from customers

group by pack\_id

select pack\_id,avg(monthly\_discount) as avg\_monthly\_discount

from customers

where pack\_id in (22,13)

++67

select max(monthly\_payment) as max\_pay,min(monthly\_payment) as min\_pay,avg(monthly\_payment) as avg\_pay

from packages

group by speed

++68

select pack\_id,count(pack\_id) as no\_of\_customers

from customers

group by pack\_id

select pack\_id,monthly\_discount,count(pack\_id) as no\_of\_customers

from customers

where monthly\_discount >20

group by pack\_id,monthly\_discount

select pack\_id,count(pack\_id) as no\_of\_customers

from customers

group by pack\_id

having count(pack\_id)>100

++69

select StateName,City,count(\*) as no\_of\_customers

from customers

group by StateName,City

++70

select City,avg(monthly\_discount) as avg\_monthly\_discount

from customers

group by City

select City,avg(monthly\_discount) as avg\_monthly\_discount

from customers

where monthly\_discount>20

group by City

++71

select StateName,min(monthly\_discount) as min\_discount

from customers

group by StateName

select StateName,min(monthly\_discount) as min\_discount

from customers

group by StateName

having min(monthly\_discount)>10

++72

select speed,count(pack\_id) as no\_of\_packages

from packages

group by speed

having count(pack\_id)>8

++73

select c.First\_Name,c.Last\_Name,p.pack\_id,p.speed

from customers c,packages p

where c.pack\_id=p.pack\_id

select c.First\_Name,c.Last\_Name,p.pack\_id,p.speed

from customers c,packages p

where c.pack\_id=p.pack\_id

and (p.pack\_id in (22,27))

order by c.Last\_Name desc

++74

select p.pack\_id,p.speed,p.monthly\_payment,s.sector\_Name

from sectors s,packages p

where s.sector\_id=p.sector\_id

select concat(c.First\_Name,' ',c.Last\_Name),p.pack\_id,p.speed,p.monthly\_payment,s.sector\_name

from customers c,packages p,sectors s

where s.sector\_id=p.sector\_id

and (c.pack\_id=p.pack\_id)

select concat(c.First\_Name,' ',c.Last\_Name),p.pack\_id,p.speed,p.monthly\_payment,s.sector\_name

from customers c

join packages p

on (c.pack\_id=p.pack\_id)

join sectors s

on (s.sector\_id=p.sector\_id)

where s.sector\_name='business'

++75

select concat(c.First\_Name,' ',c.Last\_Name),p.pack\_id,p.speed,p.monthly\_payment,s.sector\_name

from customers c

join packages p

on (c.pack\_id=p.pack\_id)

join sectors s

on (s.sector\_id=p.sector\_id)

where year(c.Join\_Date)=2006

and s.sector\_name='private'

++76

select p.pack\_id,p.speed,p.monthly\_payment,pg.grade\_id

from packages p

JOIN pack\_grades pg

on p.pack\_id = pg.grade\_id

++77

select concat(c.First\_Name,' ',c.Last\_Name),p.pack\_id,p.speed,p.monthly\_payment

from customers c

inner join packages p

on (c.pack\_id=p.pack\_id)

++78

select c.First\_Name,c.Last\_Name,c.pack\_id

from customers c

join customers c1

on (c.pack\_id=c1.pack\_id)

where c1.Last\_Name = 'Taylor' AND c1.First\_Name = 'Amado'

++79

select c.First\_Name,c.Last\_Name,c.pack\_id,c1.monthly\_discount

from customers c

join customers c1

on (c.pack\_id=c1.pack\_id)

where c1.Customer\_id = 103

AND c.monthly\_discount < c1.monthly\_discount

++or++

select First\_Name , Last\_Name ,pack\_id,monthly\_discount

from customers

where monthly\_discount < (select monthly\_discount from customers where customer\_id = 170)

++80

select p1.pack\_id , p1.speed

from packages p1 JOIN packages p2

on p2.pack\_id = 10

AND p1.speed = p2.speed

++or++

select pack\_id,speed

from packages

where speed= (select speed from PACKAGES where pack\_id=10)

++81

select c.First\_Name,c.Last\_Name,c.City,c1.StateName

from customers c

join customers c1

on (c.pack\_id=c1.pack\_id)

where c1.Customer\_id = 170

++or++

select first\_name , last\_name , StateName, city

from customers

where StateName = (select StateName from customers where customer\_id = 170)​

++82

select p.pack\_id,p.speed,s.sector\_id

from packages p

join

sectors s

on(p.sector\_id=s.sector\_id)

where pack\_id=10

++or++

select pack\_id,speed,sector\_id

from packages

where sector\_id in(select sector\_id

from sectors

where pack\_id=10)

++83

select First\_Name , Last\_Name , Join\_Date

from customers

where Join\_Date > (select Join\_Date

from customers

where customer\_id = 540)

++or++

select c.First\_Name , c.Last\_Name , c1.Join\_Date

from customers c

join customers c1

on (c.pack\_id=c1.pack\_id)

where c.Join\_Date < c1.Join\_Date

and c1.Customer\_id = 540

++84

select first\_name , last\_name , join\_date

from customers

where year(join\_date) = (select year( join\_date)

from customers

where customer\_id = 372)

AND month(join\_date) = (select month(join\_date)

from customers

where customer\_id = 372)

++85

select First\_Name,Last\_Name,City,StateName,pack\_id

from customers

where pack\_id IN (select pack\_id

from packages

where speed = '5Mbps')

++86

select pack\_id,speed,strt\_date

from packages

where year(strt\_date) = (select year(strt\_date)

from packages

where pack\_id = 7)

++87

select First\_Name,monthly\_discount,pack\_id,main\_phone\_num,secondary\_phone\_num

from customers

where pack\_id in (select pack\_id

from packages

where sector\_id in (select sector\_id

from sectors

where sector\_name='business'))

++88

select First\_Name,monthly\_discount,pack\_id

from customers

where pack\_id IN (select pack\_id

from packages

where monthly\_payment >(select AVG(monthly\_payment)

from packages))

++89

select Customer\_id,First\_Name,City,StateName,birth\_date,monthly\_discount

from customers

where birth\_date in (select birth\_date

from customers

where customer\_id = 179)

AND monthly\_discount >(select monthly\_discount

from customers

where customer\_id = 107)

++90

select \*

from packages

where speed=(select speed

from packages

where pack\_id=30)

++91

select pack\_id,speed,monthly\_payment

from PACKAGES

where monthly\_payment>(select MAX(monthly\_payment)

from packages

where speed ='5Mbps')

++92

select pack\_id,speed,monthly\_payment

from packages

where monthly\_payment>(select MIN(monthly\_payment)

from packages

where speed ='5Mbps')​

++93

select pack\_id,speed,monthly\_payment

from packages

where monthly\_payment<(select MIN(monthly\_payment)

from packages

where speed ='5Mbps')​

++94

select first\_name ,monthly\_discount , pack\_id

from customers

where monthly\_discount < (select AVG(monthly\_discount)

from customers)

AND pack\_id IN (select pack\_id

from customers

where first\_name = 'Kevin')

AND monthly\_payment >(SELECT monthly\_payment FROM packages WHERE pack\_id = 7)