Student Name: Venkata Narasimha Vedavyas Muppavarapu

Student ID: n01583267

ASSIGNMENT-1

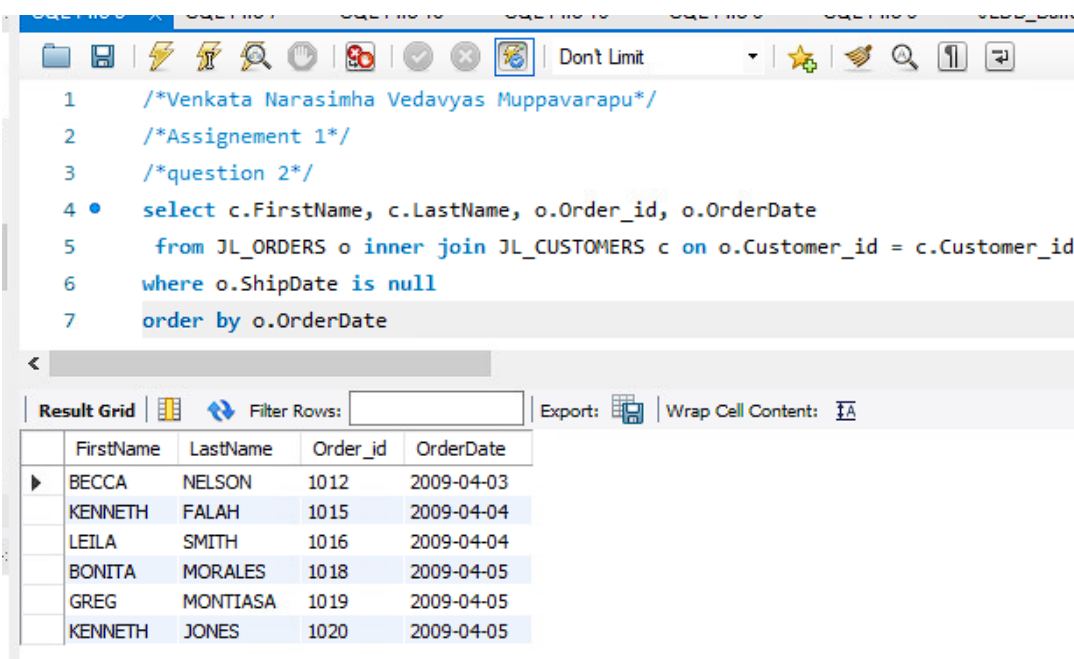1.

```
1     /*Venkata Narasimha Vedavyas Muppavarapu*/
2     /*Assignement 1*/
3     /*question 1*/
4 •   select b.title as title, p.Name as name, p.Phone as phone
5       from JL_BOOKS b inner join JL_PUBLISHER p
6       where b.PubID=p.PubID
```

title	name	phone
REVENGE OF MICKEY	PRINTING IS US	000-714-8321
HOW TO MANAGE THE MANAGER	PRINTING IS US	000-714-8321
BUILDING A CAR WITH TOOTHPICKS	PUBLISH OUR WAY	010-410-0010
E-BUSINESS THE EASY WAY	PUBLISH OUR WAY	010-410-0010
HANDCRANKED COMPUTERS	AMERICAN PUBLISHING	800-555-1211
HOLY GRAIL OF ORACLE	AMERICAN PUBLISHING	800-555-1211
DATABASE IMPLEMENTATION	AMERICAN PUBLISHING	800-555-1211
HOW TO GET FASTER PIZZA	READING MATERIALS INC.	800-555-9743
THE WOK WAY TO COOK	READING MATERIALS INC.	800-555-9743
BODYBUILD IN 10 MINUTES A DAY	READING MATERIALS INC.	800-555-9743
COOKING WITH MUSHROOMS	READING MATERIALS INC.	800-555-9743
SHORTEST POEMS	REED-N-RITE	800-555-8284
PAINLESS CHILD-REARING	REED-N-RITE	800-555-8284
BIG BEAR AND LITTLE DOVE	REED-N-RITE	800-555-8284

2.

```
1     /*Venkata Narasimha Vedavyas Muppavarapu*/
2     /*Assignement 1*/
3     /*question 2*/
4 •   select c.FirstName, c.LastName, o.Order_id, o.OrderDate
5       from JL_ORDERS o inner join JL_CUSTOMERS c on o.Customer_id = c.Customer_id
6       where o.ShipDate is null
7       order by o.OrderDate
```

FirstName	LastName	Order_id	OrderDate
BECCA	NELSON	1012	2009-04-03
KENNETH	FALAH	1015	2009-04-04
LEILA	SMITH	1016	2009-04-04
BONITA	MORALES	1018	2009-04-05
GREG	MONTIASA	1019	2009-04-05
KENNETH	JONES	1020	2009-04-05

3.


```
1      /*Venkata Narasimha Vedavyas Muppavarapu*/
2      /*Assignement 1*/
3      /*question 3*/
4  •   select c.FirstName, c.LastName, o.Order_id, b.Category
5       from JL_CUSTOMERS c inner join JL_ORDERS o on c.Customer_id = o.Customer_id
6      inner join JL_ORDERITEMS oi on o.Order_id = oi.Order_id
7      inner join JL_BOOKS b on oi.ISBN = b.ISBN
8      where c.State ='FL' and b.Category ='COMPUTER'
9      order by o.Orderdate;
10
```

FirstName	LastName	Order_id	Category
BONITA	MORALES	1003	COMPUTER
LEILA	SMITH	1006	COMPUTER
BONITA	MORALES	1018	COMPUTER

4.


```
1      /*Venkata Narasimha Vedavyas Muppavarapu*/
2      /*Assignement 1*/
3      /*question 4*/
4  •   select distinct(b.title), b.Category from JL_CUSTOMERS c
5      inner join JL_ORDERS o on c.Customer_id=o.Customer_id
6      inner join JL_ORDERITEMS oi on o.Order_id=oi.Order_id
7      inner join JL_BOOKS b on oi.ISBN=b.ISBN
8      where c.LastName='Lucas' and c.FirstName='Jake';
9
10     /*question 3*/
```

title	Category
HOW TO MANAGE THE MANAGER	BUSINESS
PAINLESS CHILD-REARING	FAMILY LIFE

CONTINUE TO NEXT PAGE

5.

```
SQL File 8*  ×   SQL File 7*    SQL File 15*    SQL File 16*    SQL File 6*    SQL File 6

  1      /*Venkata Narasimha Vedavyas Muppavarapu*/
  2      /*Assignement 1*/
  3      /*question5*/
  4 ●    select o.OrderDate,b.Title, oi.Quantity,oi.PaidEach,
  5      (oi.PaidEach-b.Cost)*oi.Quantity as profit from JL_CUSTOMERS c
  6      inner join JL_ORDERS o on c.Customer_id=o.Customer_id
  7      inner join JL_ORDERITEMS oi on o.Order_id=oi.Order_id
  8      inner join JL_BOOKS b on oi.ISBN=b.ISBN
  9      where concat(c.FirstName,' ',c.LastName) ='Jake Lucas'
 10      order by o.OrderDate, profit desc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

OrderDate	Title	Quantity	PaidEach	profit
2009-03-31	PAINLESS CHILD-REARING	1	85.45	37.45
2009-03-31	HOW TO MANAGE THE MANAGER	1	31.95	16.55
2009-04-03	PAINLESS CHILD-REARING	1	85.45	37.45

6.

```
SQL File 8*  ×   SQL File 7*    SQL File 15*    SQL File 16*    SQL File 6*    SQL File 6*

  1      /*Venkata Narasimha Vedavyas Muppavarapu*/
  2      /*Assignement 1*/
  3
  4      /*question 6*/
  5 ●    select b. title from JL_AUTHOR a
  6      inner join JL_BOOK_AUTHOR ba on a.AUTHORID = ba.JL_AUTHORID
  7       inner join JL_BOOKS b on ba.ISBN=b.ISBN
  8       where a.Lname='Adams';
  9
 10
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

title
DATABASE IMPLEMENTATION

7.

```
SQL File 8*  ×   SQL File 7*    SQL File 15*    SQL File 16*    SQL File 6*    SQL Fil

  1      /*Venkata Narasimha Vedavyas Muppavarapu*/
  2      /*Assignement 1*/
  3      /*question 7*/
  4
  5 ●    select Gift from JL_PROMOTION where
  6   ⊖  (select Retail from JL_BOOKS  where Title='Shortest Poems'
  7      and Retail between Minretail and Maxretail);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Gift
BOOK COVER

8.

```
1   /*Venkata Narasimha Vedavyas Muppavarapu*/
2   /*Assignement 1*/
3   /*question 8*/
4 ● select a.Fname, a.Lname from JL_CUSTOMERS c
5   inner join JL_ORDERS o on c.Customer_id=o.Customer_id
6   inner join JL_ORDERITEMS oi on o.Order_id=oi.Order_id
7   inner join JL_BOOKS b on oi.ISBN=b.ISBN
8   inner join JL_BOOK_AUTHOR ba on b.ISBN=ba.ISBN
9   inner join JL_AUTHOR a on ba.JL_AUTHORID=a.AUTHORID
10  where concat(c.FirstName,' ',c.LastName) ='Becca Nelson';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Fname	Lname
JANICE	JONES
WILLIAM	WHITE
LISA	WHITE
JACK	BAKER
OSCAR	FIELDS
ROBERT	ROBINSON
ROBERT	ROBINSON

9.

```
1   /*Venkata Narasimha Vedavyas Muppavarapu*/
2   /*Assignement 1*/
3   /*question 9*/
4 ● select b.Title, o.Order_id, c.State from JL_CUSTOMERS c
5   inner join JL_ORDERS o on c.Customer_id=o.Customer_id
6   inner join JL_ORDERITEMS oi on o.Order_id = oi.Order_id
7   left join JL_BOOKS b on b.ISBN =oi.ISBN
8   order by b.Title;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Title	Order_id	State
BIG BEAR AND LITTLE DOVE	1012	MI
BIG BEAR AND LITTLE DOVE	1017	FL
BIG BEAR AND LITTLE DOVE	1007	TX
BODYBUILD IN 10 MINUTES A DAY	1003	FL
COOKING WITH MUSHROOMS	1015	NJ
COOKING WITH MUSHROOMS	1020	WY
COOKING WITH MUSHROOMS	1009	WA
COOKING WITH MUSHROOMS	1000	WA
COOKING WITH MUSHROOMS	1003	FL
COOKING WITH MUSHROOMS	1018	FL
COOKING WITH MUSHROOMS	1008	ID
DATABASE IMPLEMENTATION	1002	IL
DATABASE IMPLEMENTATION	1003	FL
DATABASE IMPLEMENTATION	1010	NJ
DATABASE IMPLEMENTATION	1013	WY

Result Grid | Filter Rows: | Expo

Title	Order_id	State
DATABASE IMPLEMENTATION	1018	FL
DATABASE IMPLEMENTATION	1007	TX
E-BUSINESS THE EASY WAY	1006	FL
E-BUSINESS THE EASY WAY	1007	TX
HANDCRANKED COMPUTERS	1012	MI
HOLY GRAIL OF ORACLE	1007	TX
HOW TO MANAGE THE MANAGER	1001	GA
PAINLESS CHILD-REARING	1001	GA
PAINLESS CHILD-REARING	1011	GA
PAINLESS CHILD-REARING	1012	MI
PAINLESS CHILD-REARING	1004	NJ
PAINLESS CHILD-REARING	1016	FL
REVENGE OF MICKEY	1014	TX
REVENGE OF MICKEY	1012	MI
REVENGE OF MICKEY	1019	GA
REVENGE OF MICKEY	1009	WA
SHORTEST POEMS	1005	GA

10.


```
1    /*Venkata Narasimha Vedavyas Muppavarapu*/
2    /*Assignement 1*/
3    /*question 10*/
4 ●  select LName, FName
5    from JL_AUTHOR where LName like '%IN%'
6    order by LName, FName;
7
```

LName	FName
AUSTIN	JAMES
MARTINEZ	SHEILA
ROBINSON	ROBERT
WILKINSON	ANTHONY

11-A.


```
1    /*Venkata Narasimha Vedavyas Muppavarapu*/
2    /*Assignement 1*/
3    /*question 11-A*/
4 ●  select Customer_id, LastName, State from JL_CUSTOMERS where State in ('GA','NJ')
5    order by LastName asc;
```

Customer_id	LastName	State
1020	FALAH	NJ
1010	LUCAS	GA
1018	MONTIASA	GA
1019	SMITH	NJ
NULL	NULL	NULL

11-B.
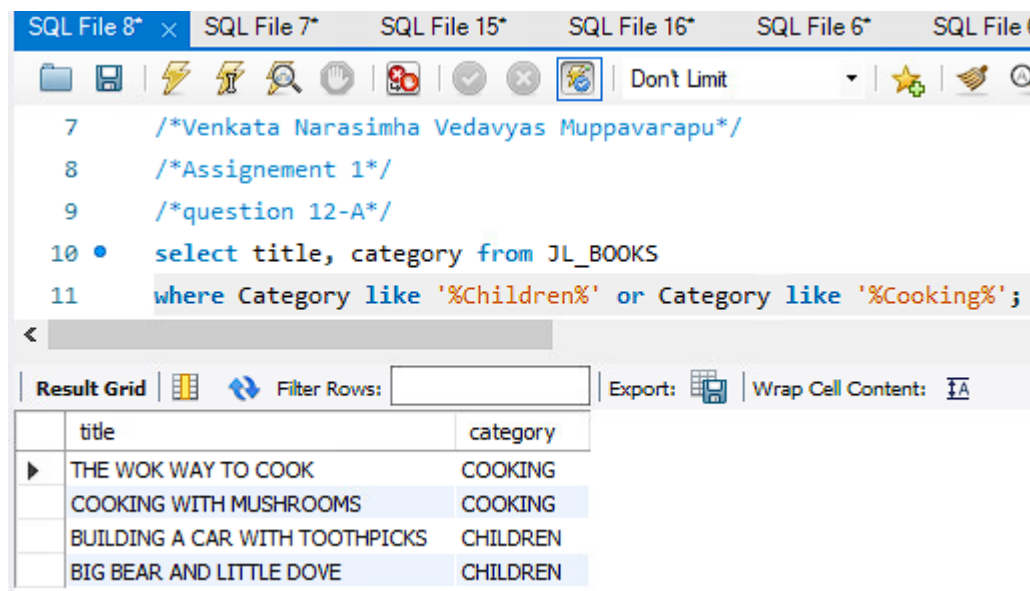

```
1    /*Venkata Narasimha Vedavyas Muppavarapu*/
2    /*Assignement 1*/
3    /*question 11-B*/
4 ●  select Customer_id, LastName, State from JL_CUSTOMERS where State ='GA' or State='NJ'
5    order by LastName asc;
```

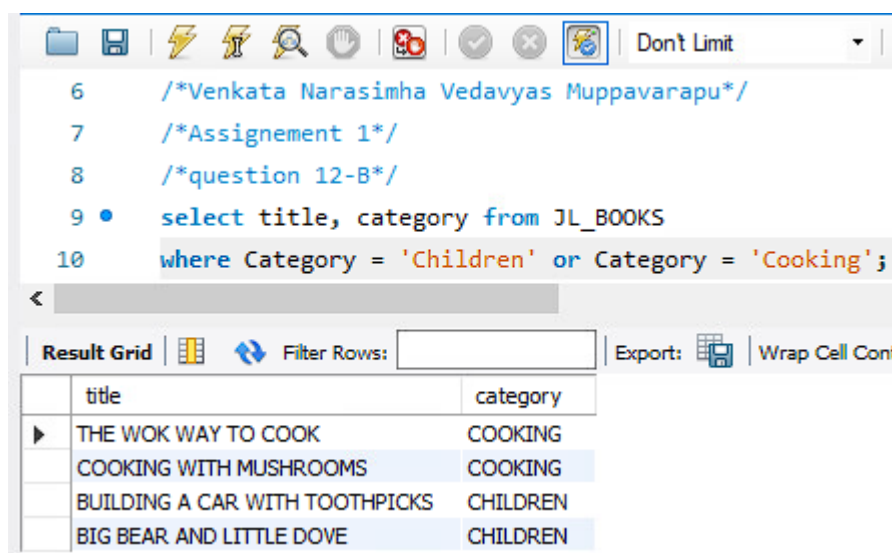| Customer_id	LastName	State
1020	FALAH	NJ
1010	LUCAS	GA
1018	MONTIASA	GA
1019	SMITH	NJ
NULL	NULL	NULL

12-A.


```
 7      /*Venkata Narasimha Vedavyas Muppavarapu*/
 8      /*Assignement 1*/
 9      /*question 12-A*/
10  •   select title, category from JL_BOOKS
11      where Category like '%Children%' or Category like '%Cooking%';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ΙA

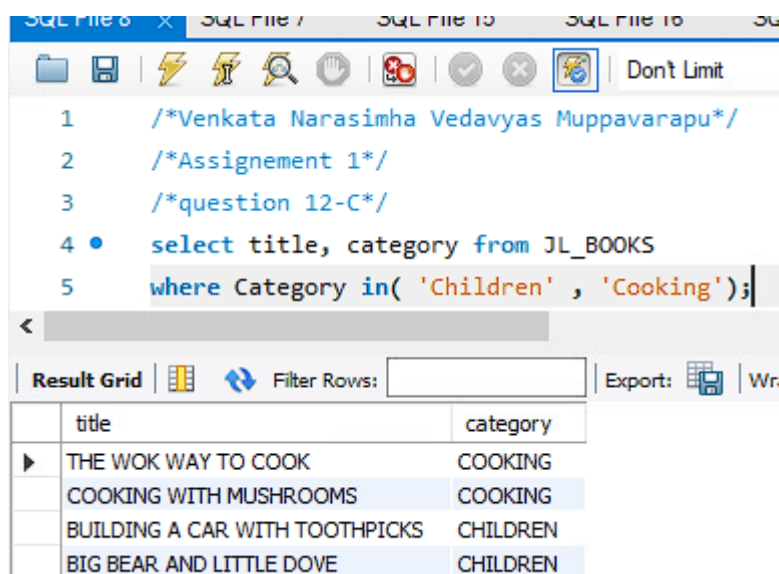| title	category
THE WOK WAY TO COOK	COOKING
COOKING WITH MUSHROOMS	COOKING
BUILDING A CAR WITH TOOTHPICKS	CHILDREN
BIG BEAR AND LITTLE DOVE	CHILDREN

12-B.


```
 6      /*Venkata Narasimha Vedavyas Muppavarapu*/
 7      /*Assignement 1*/
 8      /*question 12-B*/
 9  •   select title, category from JL_BOOKS
10      where Category = 'Children' or Category = 'Cooking';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Cont

title	category
THE WOK WAY TO COOK	COOKING
COOKING WITH MUSHROOMS	COOKING
BUILDING A CAR WITH TOOTHPICKS	CHILDREN
BIG BEAR AND LITTLE DOVE	CHILDREN

12-C.


```
 1      /*Venkata Narasimha Vedavyas Muppavarapu*/
 2      /*Assignement 1*/
 3      /*question 12-C*/
 4  •   select title, category from JL_BOOKS
 5      where Category in( 'Children' , 'Cooking');
```

Result Grid | Filter Rows: | Export: | Wr

title	category
THE WOK WAY TO COOK	COOKING
COOKING WITH MUSHROOMS	COOKING
BUILDING A CAR WITH TOOTHPICKS	CHILDREN
BIG BEAR AND LITTLE DOVE	CHILDREN

13.

```
1   /*Venkata Narasimha Vedavyas Muppavarapu*/
2   /*Assignement 1*/
3   /*question 13*/
4 • select ISBN, Title from JL_BOOKS where Title like '_A%N%'
5   order by Title desc;
```

ISBN	Title
2491748320	PAINLESS CHILD-REARING
1915762492	HANDCRANKED COMPUTERS
8843172113	DATABASE IMPLEMENTATION
NULL	NULL

14-A.

```
1   /*Venkata Narasimha Vedavyas Muppavarapu*/
2   /*Assignement 1*/
3   /*question 14-A*/
4 • select Title, PubDate from JL_BOOKS
5   where Category = 'COMPUTER' and PubDate between '2005-01-01' and '2005-12-31';
```

Title	PubDate
HANDCRANKED COMPUTERS	2005-01-21
HOLY GRAIL OF ORACLE	2005-12-13

14-B.

```
1   /*Venkata Narasimha Vedavyas Muppavarapu*/
2   /*Assignement 1*/
3   /*question 14-B*/
4 • select b.Title, b.PubDate from JL_BOOKS b
5   where exists(select PubDate from JL_BOOKS  where JL_BOOKS.ISBN=b.ISBN and PubDate like '%2005%')
6   and  Category = 'COMPUTER';
7
```

Title	PubDate
HANDCRANKED COMPUTERS	2005-01-21
HOLY GRAIL OF ORACLE	2005-12-13

14-C.

```
SQL File 8*  ×   SQL File 7*      SQL File 15*      SQL File 16*      SQL File 6*

1       /*Venkata Narasimha Vedavyas Muppavarapu*/
2       /*Assignement 1*/
3       /*question 14-B*/
4   ●   select Title, PubDate from JL_BOOKS
5       where Category = 'COMPUTER' and PubDate like '%2005%';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content

Title	PubDate
HANDCRANKED COMPUTERS	2005-01-21
HOLY GRAIL OF ORACLE	2005-12-13