Name: Priyanka Ray

1. From the following table, write a SQL query to find the details of thecustomers who have a gradevalue above 100. Return customer_id, cust_name, city, grade, and salesman_id.

custome: salesma:	n_id	cust_name					
	+		+-		+		_+
5001	3002	Nick Rimando		New York		100	I
5001	3007	Brad Davis	١	New York		200	1
5002	3005	Graham Zusi	١	California		200	1
5002	3008	Julian Green		London	I	300	1
5006	3004	Fabian Johnson		Paris	I	300	1
5003	3009	Geoff Cameron		Berlin	I	100	
5007	3003	Jozy Altidor		Moscow	I	200	
5005 Query:	3001	Brad Guzan		London			

mysql> select customer_id.cust_name.city.grade.salesman_id_from_customerwhere_crade>100;de>100;



SQL Assignment-04 (WhereClause)

Name :Priyanka Ray

2. From the following table, write a SQL query to find all the customers in 'NewYork' city who have a grade value above 100. Return customer_id,

cust_name, city, grade, and salesman_id.

<pre>customer_id cust_name city grade salesman id</pre>								
_	_		+_		+		+	
 3 5001	3002	Nick Rimando	I	New York	1	100	1	
	3007	Brad Davis	I	New York	1	200	1	
	3005	Graham Zusi		California	I	200	I	
3 5002	3008	Julian Green		London	I	300		
3 5006	3004	Fabian Johnson		Paris	I	300	1	
5003		Geoff Cameron				100		
5007		Jozy Altidor				200		
3 5005	3001	Brad Guzan		London	1			
mysql> select * from customer where city='New York' and grade>100;								
		ame city grade s						

3. From the following table, write a SQL query to find the customers whobelong to either the city 'New York' or have a grade above 100. Return customer_id, cust_name, city, grade, and salesman_id.

customer salesmar	_		cust	_name		C	ity	gr	ade		
-	 	+			+			+		+	
5001	3002	I	Nick	Rimando	1	New	York		100	I	

5001	
3005 Graham Zusi California 2	200
3008 Julian Green London 3	300
3004 Fabian Johnson Paris 3	300
3009 Geoff Cameron Berlin 1	100
3003 Jozy Altidor Moscow 2	200
3001 Brad Guzan London	I

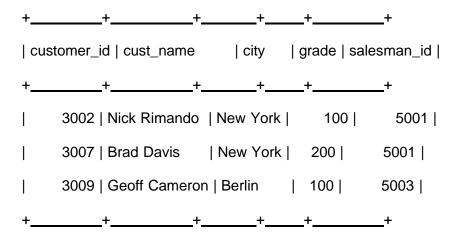
mysql> select * from customer where city='new york'or grade>100;

```
+____+
| customer_id | cust_name | city | grade | salesman_id |
+_____+
   3002 | Nick Rimando | New York | 100 | 5001 |
   3007 | Brad Davis | New York | 200 |
                                 5001 l
   3005 | Graham Zusi | California | 200 |
                                 5002 |
   3008 | Julian Green | London | 300 |
                                 5002 |
                        | 300 |
   3004 | Fabian Johnson | Paris
                                 5006
   3003 | Jozy Altidor | Moscow | 200 |
                                 5007
+____+
```

4. From the following table, write a SQL query to find the customers who belong to either the city 'New York' or not have a grade above 100. Return customer_id, cust_name, city, grade, and salesman_id.

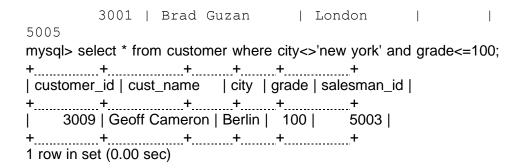
5006	3004	Fabian Johnson	Paris		300
	3009	Geoff Cameron	Berlin	1	100
5003	3003	Jozy Altidor	Moscow	I	200
5007	3001	Brad Guzan	London	I	1
3003					

mysql> select * from customer where city='new york' or grade<=100;



5. From the following table, write a SQL query to find those customers whobelong to neither the 'New York' city nor their grade value exceeds 100. Return customer_id, cust_name, city, grade, and salesman_id.

custome	r_id	cust_name		city	gra	ade
salesmar	n_id					
	-+		+		-+	+
	3002	Nick Rimando		New York		100
5001						
	3007	Brad Davis		New York		200
5001						
	3005	Graham Zusi		California		200
5002						
	3008	Julian Green		London		300
5002						
	3004	Fabian Johnson	1	Paris	1	300
5006	·		·		·	·
	3009 I	Geoff Cameron	1	Berlin	1	100
5003	,		'		'	
	3003	Jozy Altidor	1	Moscow	1	200
5007	1110	11-1-01001	'	110000	'	



6. From the following table, write a SQL query to find details of all order excluding combination of ord_date equal to '2012-09-10' and salesman_id higher than 5005 or purch_amt greater than 1000. Return ord_no, purch_amt, ord_date, customer_id and salesman_id.

ord_no	purch_amt	ord_date	customer_id	salesman_id
_				
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001
70010	1983.43	2012-10-10	3004	5006
70003	2480.4	2012-10-10	3009	5003
70012	250.45	2012-06-27	3008	5002
70011	75.29	2012-08-17	3003	5007
70013	3045.6	2012-04-25	3002	5001

mysql> select * from orders where ord_date<>'2012-09-10' and (salesman_id>5005 or purch_amt >1000);

```
+_____+
| ord_no | purch_amt | ord_date | customer_id | salesman_id |
                                        5001 |
| 70005 |
         2400.6 | 2012-07-27 |
                              3007 |
         1983.43 | 2012-10-10 |
                               3004 |
                                        5006 |
| 70010 |
         2480.4 | 2012-10-10 |
| 70003 |
                              3009 |
                                        5003 |
| 70011 |
         75.29 | 2012-08-17 |
                              3003 |
                                       5007 |
         3045.6 | 2012-04-25 |
                              3002 |
                                       5001 |
| 70013 |
+ + + + + + + + +
```

7. From the following table, write a SQL query to find the details of those salespeople whose commissions range from 0.10 to 0.12. Return salesman_id, name, city, and commission.

salesman_id	name		city	com	mission
-+		+		+-	
5001	James Hoog		New York		0.15
5002	Nail Knite		Paris		0.13
5005	Pit Alex		London		0.11
5006	Mc Lyon		Paris		0.14
5007	Paul Adam		Rome	1	0.13
5003	Lauson Hen		San Jose		0.12

mysql> select * from salesman where commission between 0.10 and 0.12;

+	+	+	+	+
sale	esman_id na	me	city	commission
+	+	+	+	+
	5005 Pit Al	ex Lor	ndon	0.11
	5007 Paul	Adam	Rome	0.13
	5003 Laus	on Hen	San Jos	e 0.12
+	+	+	+	+

8. From the following table, write a SQL query to find details of all order where purchase amount less than 200 or excluding combination of order date greaterthan or equal to '2012-02-10' and customer ID less than 3009. Return ord_no, purch_amt, ord_date, customer_id and salesman_id.

```
mysgl> SELECT * FROM orders WHERE(purch amt<200 OR
NOT(ord_date>='2012-02-10' AND customer_id<3009));
+.....+
ord_no | purch_amt | ord_date | customer_id | salesman_id |
         150.5 | 2012-10-05 |
                                      5002 I
| 70001 |
                             3005 |
| 70002 |
         65.26 | 2012-10-05 |
                             3002 |
                                      5001 I
         110.5 | 2012-08-17 |
                             3009 |
| 70004 |
                                      5003 |
| 70003 | 2480.4 | 2012-10-10 |
                                      5003 |
                             3009 |
| 70011 | 75.29 | 2012-08-17 |
                             3003 |
                                      5007 |
+____+
```

9. From the following table, write a SQL query to find all orders subject to following conditions. Exclude combination of order date equal to '2012-08-17'or customer ID higher than 3005 and purchase amount less than 1000.

ord_no	purch_amt	ord_date	customer_id	salesman_id
			-	
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001
70010	1983.43	2012-10-10	3004	5006
70003	2480.4	2012-10-10	3009	5003
70012	250.45	2012-06-27	3008	5002
70011	75.29	2012-08-17	3003	5007
70013	3045.6	2012-04-25	3002	5001

mysql> select * from orders where not((ord_date='2012-08-17')or (customer_id>3005 and purch_amt<1000));

+		_+_		+		+		٠+_	
+	_		_		_		customer_id		_
+				т				Ψ.	
+	70001		150.5		2012-10-05		3005		5002
	70009	I	270.65		2012-09-10		3001		5005
	70002	I	65.26		2012-10-05		3002		5001
	70007	I	948.5		2012-09-10		3005	I	5002
	70005		2400.6		2012-07-27		3007	I	5001
	70008	I	5760		2012-09-10		3002		5001
	70010		1983.43		2012-10-10		3004	I	5006
	70003	I	2480.4		2012-10-10		3009		5003
	70013	I	3045.6		2012-04-25		3002		5001
+		_+_		+		+		·+ <u>-</u>	

10. Write a SQL query to display order number, purchase amount, achieved, the unachieved percentage for those order which exceeds the 50% of the target value of 6000.

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001
70010	1983.43	2012-10-10	3004	5006
70003	2480.4	2012-10-10	3009	5003
70012	250.45	2012-06-27	3008	5002
70011	75.29	2012-08-17	3003	5007
70013	3045.6	2012-04-25	3002	5001

mysql> SELECT ord_no, purch_amt (100*purch_amt)/6000 Achieved %, (100*(6000-purch_amt)/6000) Unachieved % FROM orders WHERE (100*purch_amt)/6000>50;

11. From the following table, write a SQL query to find the details of allemployees whose last name is 'Dosni' or 'Mardy'. Return emp_idno, emp_fname, emp_lname, and emp_dept.

EMP_IDNC	EMP_FNAME	EMP_LNAME	EMP_DEPT
127323	Michale	Robbin	57
526689	Carlos	Snares	63
843795	Enric	Dosio	57
328717	Jhon	Snares	63
444527	Joseph	Dosni	47
659831	Zanifer	Emily	47
847674	Kuleswar	Sitaraman	57
748681	Henrey	Gabriel	47
555935	Alex	Manuel	57
539569	George	Mardy	27
733843	Mario	Saule	63
631548	Alan	Snappy	27
839139	Maria	Foster	57

mysql> select * from emp_details where emp_lname='Dosni' oremp_lname='Mardy';

emp_idno	emp_fname	emp_lnam e	emp_dept
444527	Joseph	Dosni	47
539569	George	Mardy	27

12. From the following table, write a SQL query to find the employees who works at depart 47 or 63. Return emp_idno, emp_fname, emp_lname, and emp_dept.

EMP_IDNO	EMP_FNAME	EMP_LNAME	EMP_DEPT
127323	Michale	Robbin	57
526689	Carlos	Snares	63
843795	Enric	Dosio	57
328717	Jhon	Snares	63
444527	Joseph	Dosni	47
659831	Zanifer	Emily	47
847674	Kuleswar	Sitaraman	57
748681	Henrey	Gabriel	47
555935	Alex	Manuel	57
539569	George	Mardy	27
733843	Mario	Saule	63
631548	Alan	Snappy	27
839139	Maria	Foster	57

mysql> select * from emp_details where emp_dept=47 or emp_dept=63;

+ + + + + + +

| Emp_idno | emp_fname | emp_lname | emp_dept |