**Lesson Plan**

**Name of the Assistant Professor**- Ms. Kanika Chourasia

**Subject**- Computer Science & Applications

**Lesson Plan**- 17 Weeks (July-Nov 2018)

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| **Week** | **Date** | **BBA (IIIrd Sem)**  **BBA-205** | **BBA(IIIrd Sem)**  **BBA-205** |
| 1 | 16-July-18 | Introduction to Sql and its DDL,DML and DCL commands. |  |
| 17-July-18 |  | Introduction to Sql and its DDL,DML and DCL commands. |
| 18-July-18 |  |  |
| 19-July-18 |  |  |
| 20-July-18 |  |  |
| 21-July-18 |  |  |
| 22-July-18 | Sunday | |
| 2 | 23-July-18 | Introduction to Sql and its DDL,DML and DCL commands. |  |
| 24-July-18 |  | Introduction to Sql and its DDL,DML and DCL commands. |
| 25-July-18 |  |  |
| 26-July-18 |  |  |
| 27-July-18 |  |  |
| 28-July-18 |  |  |
| 29-July-18 | Sunday | |
| 3 | 30-July-18 | Discuss Alter, Delete,Update,Group by,Insert Commands and Operators. |  |
| 31-July-18 | Shaheedi udham singh’s martyrdom day | |
| 1-Aug-18 |  |  |
| 2-Aug-18 |  |  |
| 3-Aug-18 |  |  |
| 4-Aug-18 |  |  |
| 5-Aug-18 | Sunday | |
| 4 | 6-Aug-18 | Discuss Alter, Delete,Update,Group by,Insert Commands and Operators. |  |
| 7-Aug-18 |  | Discuss Alter, Delete,Update,Group by,Insert Commands and Operators. |
| 8-Aug-18 |  |  |
| 9-Aug-18 |  |  |
| 10-Aug-18 |  |  |
| 11-Aug-18 |  |  |
| 12-Aug-18 | Sunday | |
| 5 | 13-Aug-18 | Haryali teej | |
| 14-Aug-18 |  | Discuss Alter, Delete,Update,Group by,Insert Commands and Operators. |
| 15-Aug-18 | Independence day | |
| 16-Aug-18 |  |  |
| 17-Aug-18 |  |  |
| 18-Aug-18 |  |  |
| 19-Aug-18 | Sunday | |
| 6 | 20-Aug-18 | Create a BIRTHDAY table having columns NAME(Varchar2), DOB(Date), TIME\_OB(Date), ENAME(Varchar2), PLACE(Varchar2), GENDER(Char).  Do the following:   1. Set the NAME, DOB as Primary key. 2. Insert 5 records into it. 3. Delete any record. |  |
| 21-Aug-18 |  | Create a BIRTHDAY table having columns NAME(Varchar2), DOB(Date), TIME\_OB(Date), ENAME(Varchar2), PLACE(Varchar2), GENDER(Char).  Do the following:   1. Set the NAME, DOB as Primary key. 2. Insert 5 records into it. 3. Delete any record. |
| 22-Aug-18 | Id-ul-zuha(bakrid) | |
| 23-Aug-18 |  |  |
| 24-Aug-18 |  |  |
| 25-Aug-18 |  |  |
| 26-Aug-18 | Sunday | |
| 7 | 27-Aug-18 | 4. Create Table with primary and foreign Key.  a. SALESMAN having fields: salesman\_id ( PK) ,name, city, commission  b. ORDERS having fields: Order\_no, Purchase\_amount, ord\_date,customer\_id (FK), salesman\_id(FK).  c. CUSTOMER having fields: Customer\_id (PK),cust\_name, city, grade, salesman\_id(FK) |  |
| 28-Aug-18 |  | 4. Create Table with primary and foreign Key.  a. SALESMAN having fields: salesman\_id ( PK) ,name, city, commission  b. ORDERS having fields: Order\_no, Purchase\_amount, ord\_date,customer\_id (FK), salesman\_id(FK).  c. CUSTOMER having fields: Customer\_id (PK),cust\_name, city, grade, salesman\_id(FK) |
| 29-Aug-18 |  |  |
| 30-Aug-18 |  |  |
| 31-Aug-18 |  |  |
| 1-Sep-18 |  |  |
| 2-Sep-18 | Sunday | |
| 8 | 3-Sep-18 | Janmashtmi | |
| 4-Sep-18 |  | **Assignment: SELECT statement**  (Using Assignment 3)   1. Write a sql statement to display all the information of all salesmen. 2. Write a sql statement to display specific columns like name and commission for all the salesmen 3. Write a query to display the columns in a specific order like order date, salesman id, order number and purchase amount from for all the orders 4. Write a query which will retrieve the value of salesman id of all salesmen, getting orders from the customers in orders table without any repeats. 5. Write a sql statement to display names and city of salesman, who belongs to the city of Paris. 6. Write a sql statement to display all the information for those customers with a grade of 200. 7. Write a sql query to display the order number followed by order date and the purchase amount for each order which will be delivered by the salesman who is holding the ID 5001. |
| 5-Sep-18 |  |  |
| 6-Sep-18 |  |  |
| 7-Sep-18 |  |  |
| 8-Sep-18 |  |  |
| 9-Sep-18 | Sunday | |
| 9 | 10-Sep-18 | **Assignment: SELECT statement**  (Using Assignment 3)   1. Write a sql statement to display all the information of all salesmen. 2. Write a sql statement to display specific columns like name and commission for all the salesmen 3. Write a query to display the columns in a specific order like order date, salesman id, order number and purchase amount from for all the orders 4. Write a query which will retrieve the value of salesman id of all salesmen, getting orders from the customers in orders table without any repeats. 5. Write a sql statement to display names and city of salesman, who belongs to the city of Paris. 6. Write a sql statement to display all the information for those customers with a grade of 200. 7. Write a sql query to display the order number followed by order date and the purchase amount for each order which will be delivered by the salesman who is holding the ID 5001. |  |
| 11-Sep-18 |  | 6. **Assignment on Using Boolean and relational operators.**   1. Write a query to display all customers with a grade above 100. 2. Write a query statement to display all customers in New York who have a grade value above 100. 3. Write a SQL statement to display all customers, who are either, belongs to the city New York or had a grade above 100. 4. Write a SQL query to display those customers who are neither belongs to the city New York nor grade value is more than 100. 5. Write a SQL statement to display either those orders which is not issued on date 2016-09-10 and issued by the salesman whose ID is 505 and below or those orders which purchase amount is 1000.00 and below. 6. Write a SQL statement to display salesman\_id, name, city and commission who gets the commission within the range more than 0.10% and less than 0.12% 7. Write a SQL query to display all orders where purchase amount less than a specified amount or order date and customer\_id must not be greater than a specified data and less than a specified ID respectively. 8. Display all in reverse, where order dates equal to a specified date or customer id greater than a specified number and purchase amount less than a specified amount. 9. Write a SQL query to display order number, purchase amount, archived, unachieved percentage for those order which exceeds the 50% of target value of 6000. |
| 12-Sep-18 |  |  |
| 13-Sep-18 |  |  |
| 14-Sep-18 |  |  |
| 15-Sep-18 |  |  |
| 16-Sep-18 | Sunday | |
| 10 | 17-Sep-18 | 6. **Assignment on Using Boolean and relational operators.**   1. Write a query to display all customers with a grade above 100. 2. Write a query statement to display all customers in New York who have a grade value above 100. 3. Write a SQL statement to display all customers, who are either, belongs to the city New York or had a grade above 100. 4. Write a SQL query to display those customers who are neither belongs to the city New York nor grade value is more than 100. 5. Write a SQL statement to display either those orders which is not issued on date 2016-09-10 and issued by the salesman whose ID is 505 and below or those orders which purchase amount is 1000.00 and below. 6. Write a SQL statement to display salesman\_id, name, city and commission who gets the commission within the range more than 0.10% and less than 0.12% 7. Write a SQL query to display all orders where purchase amount less than a specified amount or order date and customer\_id must not be greater than a specified data and less than a specified ID respectively. 8. Display all in reverse, where order dates equal to a specified date or customer id greater than a specified number and purchase amount less than a specified amount. 9. Write a SQL query to display order number, purchase amount, archived, unachieved percentage for those order which exceeds the 50% of target value of 6000. |  |
| 18-Sep-18 |  | **Assignment on wildcards and special operators**  a. Write a SQL statement to find those salesmen with all information who come from the city either Paris or Rome.   1. Write a query to filter those salesmen with all information who comes from any of the cities Paris and Rome 2. Write a query to filter those salesmen with all information who likes to live other cities than Paris and Rome. 3. Write a query to sort out those customers with all information whose ID value is within any of 3007, 3008 and 3009. 4. Write a SQL statement to find those salesmen with all information who gets the commission within a range of 0.12 and 0.14 5. Write a SQL statement to find those salesmen with all other information and name started with any letter 'A' and 'L' 6. Write a SQL statement to find those customers with all information whose names begin with the letter 'B'. 7. Write a SQL statement to find all those customer with all information whose names are ending with the letter 'n'. |
| 19-Sep-18 |  |  |
| 20-Sep-18 |  |  |
| 21-Sep-18 |  |  |
| 22-Sep-18 |  |  |
| 23-Sep-18 | Sunday | |
| 11 | 24-Sep-18 | **Assignment on wildcards and special operators**  a. Write a SQL statement to find those salesmen with all information who come from the city either Paris or Rome.   1. Write a query to filter those salesmen with all information who comes from any of the cities Paris and Rome 2. Write a query to filter those salesmen with all information who likes to live other cities than Paris and Rome. 3. Write a query to sort out those customers with all information whose ID value is within any of 3007, 3008 and 3009. 4. Write a SQL statement to find those salesmen with all information who gets the commission within a range of 0.12 and 0.14 5. Write a SQL statement to find those salesmen with all other information and name started with any letter 'A' and 'L' 6. Write a SQL statement to find those customers with all information whose names begin with the letter 'B'. 7. Write a SQL statement to find all those customer with all information whose names are ending with the letter 'n'. |  |
| 25-Sep-18 |  | WAP to create and insert data in department and employee table and perform different types of Joins on it. |
| 26-Sep-18 |  |  |
| 27-Sep-18 |  |  |
| 28-Sep-18 |  |  |
| 29-Sep-18 |  |  |
| 30-Sep-18 | Sunday | |
| 12 | 1-Oct-18 | WAP to create and insert data in department and employee table and perform different types of Joins on it. |  |
| 2-Oct-18 | Mahatma gandhi’s jayanti | |
| 3-Oct-18 |  |  |
| 4-Oct-18 |  |  |
| 5-Oct-18 |  |  |
| 6-Oct-18 |  |  |
| 7-Oct-18 | Sunday | |
| 13 | 8-Oct-18 | WAP to Aggregate function with group by clauses |  |
| 9-Oct-18 |  | WAP to Aggregate function with group by clauses |
| 10-Oct-18 | Maharaja aggarsen jayanti | |
| 11-Oct-18 |  |  |
| 12-Oct-18 |  |  |
| 13-Oct-18 |  |  |
| 14-Oct-18 | Sunday | |
| 14 | 15-Oct-18 | WAP to Print ‘HELLO’ in PL/SQL |  |
| 16-Oct-18 |  | WAP to Print ‘HELLO’ in PL/SQL |
| 17-Oct-18 |  |  |
| 18-Oct-18 | Dussehra | |
| 19-Oct-18 |  |  |
| 20-Oct-18 |  |  |
| 21-Oct-18 | Sunday | |
| 15 | 22-Oct-18 | WAP to calculate Simple Interest in PL/SQL |  |
| 23-Oct-18 |  | WAP to calculate Simple Interest in PL/SQL |
| 24-Oct-18 | Maharishi valmiki’s birthday | |
| 25-Oct-18 |  |  |
| 26-Oct-18 |  |  |
| 27-Oct-18 |  |  |
| 28-Oct-18 | Sunday | |
| 16 | 29-Oct-18 | WAP to calculate area of a Circle in PL/SQL |  |
| 30-Oct-18 |  | WAP to calculate area of a Circle in PL/SQL, WAP to swap of two numbers without using third variable |
| 31-Oct-18 |  |  |
| 1-Nov-18 | Haryana day | |
| 2-Nov-18 |  |  |
| 3-Nov-18 |  |  |
| 4-Nov-18 | Sunday | |
| 17 | 5-Nov-18 | WAP to swap of two numbers without using third variable |  |
| 6-Nov-18 | Holiday | |
| 7-Nov-18 | Diwali | |
| 8-Nov-18 | Holiday | |
| 9-Nov-18 | Vishavkarma day | |
| 10-Nov-18 | Holiday | |
| 11-Nov-18 | Sunday | |
| 18 | 12-Nov-18 | Holiday | |
| 13-Nov-18 | Holiday | |
| 14-Nov-18 |  |  |