

Class Notes	
Class: XII	Topic: MySQL Practical
Subject: Information Technology (802)	

Q1. Consider the following table TEACHER. Write the SQL commands for the following statement

T_ID	NAME	AGE	DEPARTMENT	DATE_OF_JOIN	SALARY	GENDER
1	Jugal	34	Computer Sc	10/01/2017	12000	M
2	Sharmila	31	History	24/03/2008	20000	F
3	Sandeep	32	Mathematics	12/12/2016	30000	M
4	Sangeeta	35	History	01/07/2015	40000	F
5	Rakesh	42	Mathematics	05/09/2007	25000	M
6	Shyam	50	History	27/06/2008	30000	M
7	Shiv Om	44	Computer Sc	25/02/2017	21000	M
8	Shalakra	33	Mathematics	31/07/2018	20000	F

- i) Create a table Teacher.
- ii) Insert 8 records in the Teacher Table.
- iii) To show all information about the Teacher of History department.
- iv) To list the names of female Teachers who are in Mathematics department.
- v) To list the names of all Teachers with their date of joining in ascending order.
- vi) To display Teachers name, Salary, Age for Male teachers only.
- vii) To display Name, Bonus for each teacher where bonus is 10% of Salary.

Q2. Consider the following table GARMENT. Write the SQL commands for the following statement

GCODE	DESCRIPTION	PRICE	FCODE	READYDATE
10023	PENCIL SKIRT	1150	F03	19-DEC-08
10001	FORMAL SHIRT	1250	F01	12-JAN-08
10012	INFORMAL SHIRT	1550	F02	06-JUN-08
10024	BABY TOP	750	F03	07-APR-07
10090	TULIP SKIRT	850	F02	31-MAR-07
10019	GOWN	850	F03	06-JUN-08
10009	INFORMAL PANT	1500	F02	20-OCT-08
10017	FORMAL PANT	1350	F01	09-MAR-08
10020	FROCK	850	F04	09-SEP-07
10089	SLACKS	750	F03	31-OCT-08

- i) Create a table Garment.
- ii) Insert 10 records in the GARMENT Table.
- iii) To display GCODE and DESCRIPTION of each GARMENT in descending order of GCODE.
- iv) To display the details of all the GARMENTS, which have READYDATE in between 08-DEC-07 and 16-JUN-08 (inclusive of both the dates).
- v) To display the average PRICE of all the GARMENTS which are made up of FABRIC with FCODE as F03.
- vi) To display FABRIC wise highest and lowest price of Garments from GARMENT table.
(Display FCODE of each GARMENT along with Highest and Lowest price).
- vii) To delete a record from Garment with GCODE=10009.

Q3. Consider the following table **BOOKS** and **ISSUED**. Write the SQL commands for the following statement:

BOOKS							ISSUED	
BOOK_ID	BOOK_NAME	AUTHOR_NAME	PUBLISHERS	PRICE	TYPE	QTY	BOOK_ID	QUANTITY_ISSUED
C0001	Fast Cook	Lata Kapoor	EPB	355	Cookery	5	T0001	4
F0001	The Tears	William Hopkins	First Publ.	650	Fiction	20	C0001	5
T0001	My First C++	Brain and Brooke	EPB	350	Text	10	F0001	2
T0002	C++ Brainworks	A.W. Rossaine	TDH	350	Text	15		
F0002	Thunderbolts	Anna Roberts	First Publ.	750	Fiction	50		

- i) Create a table BOOKS.
- ii) Insert 5 records in the BOOKS Table.
- iii) To show the book name, Author name and Price of books of First Publ. publishers.
- iv) To list the names from books of Text type.
- v) To display the names and price from books in ascending order of their price.
- vi) To increase the price of all the books of EPB Publishers by 50.
- vii) To display the Book_ID, Book_Name and Quantity_Issued for all books which have been issued. (The query will require contents from both the tables).
- viii) To insert a new row in the table Issued having the following data: "F0003", 1.