

Assignment no 1
Name: Seema Dilip Bhanuse
Class: BCA-III Roll No: 27
Date:

ASSIGNMENT NO. 01

0.1 Create the following tables.

1. Table name client master

column name	Data type	Size
Client number	Varchar2	6
Name	Varchar2	20
Address	Varchar2	30
city	Varchar2	15
State	Varchar2	15
Pin code	Number	8

2. Table name product master

column name	Data type	Size
Product number	Varchar2	6
Product name	Varchar2	15
Quantity	Number	5
Sale price	Number	(7,2)
Cost price	Number	(7,2)

3. Table name salesman master

column name	Data type	Size
salesman number	Varchar2	6
Salesman name	Varchar	20
Address	Varchar2	25
City	Varchar	15
State	Varchar	15
Salary	Number	(8,2)
Mobile number	Number	11

Q.2 Describe a table structure.

1. Insert a five record in above each table.
2. Q.3 Exercise on retrieving records from a table.
3. Find to all the names of clients.
4. Retrieved entire contents of a client master.
5. Retrieve the list of name, city & a state of a client.
6. List the various product available from the product master table.
7. List all the clients who are located in a Jaysingpur.
8. Find out all the names of salesman who have salary=5000.

Q.3 Exercise on updating records in a table.

1. Change the city if client number c5 to Bangalore.
2. Change the address of a salesman whose state is Tamilnadu.

Assignment no 1
Name: Seema Dilip Bhanuse
Class: BCA-III Roll No: 27
Date:

3. Change the cost price of monitor to 11000.

Q.4 Exercise on deleting record in a file.

1. Delete all salesman in the salesman master table whose salary is <2000.
2. Delete all the product from product master table where quantity=2.
3. Delete clients from client master table where the column state holds the value Tamilnadu.

Q.5 Exercise on altering the table structure.

1. Alter a column address varchar2 size 35 to the client master table.
2. Change the size of sale price column in a product master table to (10,2).

Q.6 Exercise on the renaming the table name.

1. Change the name of salesman master to sale master.

Q.7 Exercise on deleting the table structure along with the data.

1. Delete all records of product master table.
2. Drop table client master.

Assignment no 2
Name: Seema Dilip Bhanuse
Class: BCA-III Roll No: 27
Date:

ASSIGNMENT NO. 02

Q.1 Create table student.

column name	Data type	Size
Roll No	Varchar2	6
Name	Varchar2	20
Sub1	Varchar2	5
Sub2	Varchar2	5
Sub3	Varchar2	5

Q.2 Insert five records in above table.

Q.3 Perform the following queries given below.

1. Display the maximum total marks of student.
2. Display the minimum total marks of student.
3. Count total records having marks of sub 1>50.
4. Display sum of total having name start from S.
5. Calculate total & percentage of each record & display the list.
6. Display the record which contain name 'Akshata Labaje' and 'Pranali Gare' using in command.
7. Display the record of roll no 3, 4 , 5 using not in command.

Q.4 Perform the following queries given below.

1. Display the name in lower case whose percentage>50.
2. Display the name in upper case whose roll no is in between 1 & 4.
3. Display the name in initial capital letter whose second letter of name is 'A'.
4. Display the length of each name of the student in ascending order.

Q.5 Perform the following queries given below.

1. Find out the absolute value of number (33.584) using abs ()?
2. Find out power of number (2, 3) using a power 0.
3. Find out the value of number (19.75, 1) using round 0.
4. Find out a square root of a number (121) using sqrt O.
5. Find out mod of a number (15, 2) using a mod ().

Assignment no 3
Name: Seema Dilip Bhanuse
Class: BCA-III Roll No: 27
Date:

ASSIGNMENT NO. 03

Q.1 Create the following tables.

Table name:-Courses

Column name	Data type	size	Attributes
Ccode	Varchar2		Primary key
Name	Varchar2		Unique
Duration	Number		
Fee	Number		
Prerequisite	Varchar2		

Table name:-faculty

Column name	Data type	size	Attributes
Fcode			Primary key
Name			
Qual			
exp	Varchar2		

Table name:-Course_faculty

Column name	Data type	size	Attributes
Fcode	Varchar2		Primary key
ccode	Varchar2		
Grade	Varchar		

Table name:-Batches

Column name	Data type	size	Attributes
bcode	Varchar2		Primary key
Ccode	Varchar2		Foreign key
Fcode	Varchar2		Foreign key
St_date	Date		
End_date	Date		
Timing	Number		

Table name:-stud

Column name	Data type	size	Attributes
Roll_no	Number		Primary key
Bcode	Varchar2		Foreign key
Name	Varchar2		
Gender	Varchar		
Dj	Date		
Phone	Varchar2		
Email	Varchar2		

Assignment no 3
Name: Seema Dilip Bhanuse
Class: BCA-III Roll No: 27
Date:

Table name:-payment

Column name	Data type	size	Attributes
Roll_no	number		Foreign key
Dp	Date		
amount	Number		

Q.2 Insert 5records in a above each table.

Q.3 Exercise on the following queries.

- a) Count the number of students we have in each batch using group function cont?
- b) Display the total amount of fee paid by each students.
- c) Count the number of student who have set paid amount.
- d) To display the subject & date on which the most recent batch of that subject has started.
- e) To display the number of batches to started for each in last 3 months.
- f) To display the highest courses fee.
- g) To display the date on the last batch was taken by each faculty for each subject.
- h) To display the courses those have got more than one batch.
- i) To display the courses that we started for more than 1 in the last 6 month.
- j) To display number of courses taken by each faculty.

Q.4 Exercise on the following queries.

- a) Find out the name, qualification from faculty table where ccode is 'ora'.
- b) To display the details of faculty members who have not taken any batches in the last 3 months.
- c) Find out the query which display the details of batches that are taken by faculty with qualification 'ms' or the courses fee is more than 5000.
- d) To display the details of students who belong to the batches that are taken by faculty with qualification.
- e) To display the details of batches that have taken maximum duration among the batches of some courses.
- f) To display the details of courses that has highest courses fee.
- g) The following UPDATE command increases the FEE of the course if more than 3 batches have started for that course.
- h) Find out delete command uses sub query is where clause to batches for which there are no student.
- i) Find out sub query in which create a new table from an existing table.
- j) Find out update command to update fcode of batch B7 to the faculty code the batch B1.

Assignment no 3

Name: Seema Dilip Bhanuse

Class: BCA-III Roll No: 27

Date:

k) Find out correlated query to get details of batches where duration (enddate-sdate) is more than the avg duration of the course.

l) Find out co-related sub query where we get third highest course fee.

m) Find out the query uses order by clause of sub query to retrieve courses in the ascending order of fee in which the query retrieves only first two rows of the sub query.

n) Find out the query uses a co-related sub query to get number of rows where fee is less than the fee of the row in query. If the count returned by sub query is greater than or equal to 1 then row of the query retrieved

Assignment no 4
Name: Seema Dilip Bhanuse
Class: BCA-III Roll No: 27
Date:

ASSIGNMENT NO. 04

- a) Find out the name, qualification from faculty table where ccode is 'ora'.
- b) To display the details of faculty members who have not taken any batches in the last 3 months.
- c) Find out the query which display the details of batches that are taken by faculty with qualification 'ms' or the courses fee is more than 5000.
- d) To display the details of students who belong to the batches that are taken by faculty with qualification.
- e) To display the details of batches that have taken maximum duration among the batches of some courses.
- f) To display the details of courses that has highest courses fee.
- g) The following UPDATE command increases the FEE of the course if more than 3 batches have started for that course.
- h) Find out delete command uses sub query is where clause to batches for which there are no student.
- i) Find out sub query in which create a new table from an existing table.
- j) Find out update command to update fcode of batch B7 to the faculty code the batch B1.
- k) Find out correlated query to get details of batches where duration (enddate-sdate) is more than the avg duration of the course.
- l) Find out co-related sub query where we get third highest course fee.
- m) Find out the query uses order by clause of sub query to retrieve courses in the ascending order of fee in which the query retrieves only first two rows of the sub query.
- n) Find out the query uses a co-related sub query to get number of rows where fee is less than the fee of the row in query. If the count returned by sub query is greater than or equal to 1 then row of the query retrieved.