

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

Assignment No.	01	Name of the Assignment Setter			
Course:	2018-19	Class:	BCA - II	Semester:	III

Subject:	Lab on Oracle and Multimedia
-----------------	-------------------------------------

Q.1) Attempt ANY ONE of the Following (1000 Words) (10)

- a) Download three different images from a web site. One should be photographic, one should be a graphic (solid colors or gradients), and one should be a mix. Convert the images to 256 colors. Use the tools available to use different dithering patterns and palettes. Print out the files before and after reducing to 256 colors.
- b) Components of SQL: DDL, DML, DCL, DQL?

Q.2) Attempt ANY TWO of the Following (800 Words) (12)

- a) Open an image in an image-editing program capable of identifying colors. Select three different pixels in the image. Sample the color and write down its value in RGB, HSB, CMYK, and web (hexadecimal) color.
- b) Create a new document in a word processing application. Next, type in a line of text and copy the line five times. Now change each line into a different font. Recopy the entire set of lines three times. Finally, change the size of the first set to 10-point text, the second set to 18-point text, and the third set to 36-point text.
- c) Download three different images from a web site. One should be photographic, one should be a graphic (solid colors or gradients), and one should be a mix. Convert the images to 256 colors. Use the tools available to use different dithering patterns and palettes. Print out the files before and after reducing to 256 colors. Write the file sizes on each one.
- d) Locate three web sites that include video clips. What format are they served in? Examine the HTML source code to discover what method of video delivery is used. Make a note of your findings.

Q.3) Write query on the following table (ANY TWO) (08)

- a) Create following tables in your user with specified constraints.

Client Master

Column Name	Data Type	Size	Constraints
ClientNo	VARCHAR2	6	PRIMARY KEY, First Letter must start with 'C'
Name	VARCHAR2	20	NOT NULL
Address	VARCHAR2	30	
City	VARCHAR2	15	
State	VARCHAR2	15	
PinCode	NUMBER	6	
Bal_Due	NUMBER	10,2	

b) **Insert following records into a related table.**

Data for Client_Master

ClientNo	Name	City	PinCode	State	Bal_Due
C00001	Ivan Bayross	Bombay	400054	Maharashtra	15000
C00002	Vandan Saitwal	Madras	780001	Tamil Nadu	0
C00003	Pramada Jaguste	Bombay	400057	Maharashtra	5000
C00004	Basu Navindagi	Bombay	400056	Maharashtra	0
C00005	Ravi Sreedharan	Delhi	100001	Delhi	2000
C00006	Rukmini	Bombay	400050	Maharashtra	0

c) **Create following tables in your table with specified constraints.**

Sales Order

Column Name	Data Type	Size	Constraints
SalesOrderNo	VARCHAR2	6	PRIMARY KEY, First Letter must start with 'O'

SalesOrderDate	DATE		
ClientNo	VARCHAR2	6	FOREIGN KEY referencing Client_Master
DelyAddress	VARCHAR2	25	
SalesManNo	VARCHAR2	6	FOREIGN KEY referencing Salesman_Master
DelyType	CHAR	1	Delivery: Part(P)/Full(F), Default 'F'
BilledYN	CHAR	1	
DelyDate	DATE		Cannot be less than SalesOrderDate
OrderStatus	VARCHAR2	10	Values IN('In Process', 'Fulfilled', 'BackOrder', 'Canceled')

d) Describe all tables.

Retrieve all records.

* * * * *