

BCA Semester-4  
Practical Examination (407)  
March-2015

SET-1

Q-1 Code a java program to implement multithreading: There are Two Threads one Thread generate following sequence : 1, 4, 9, 16, 25, 36, 49, 64, 81, ... and The Second Thread generate following sequence : a, c, e, g, i, k, m, o, q ... Implement the multithread program and execute it. [30]

Q-2 Write a PL/SQL block to calculate and print marks report of all students (considering table having columns SNO, NAME, ENG, MATHS, SCI)

OUTPUT

SNO	NAME	ENG	MATHS	SCI	TOTAL	RESULT
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[35]

Q-3 Write a HTML Code for following

Inventory Control							
Purchase Department				Sales Department			
Pro_id	Pro_name	Price		S_Id	Cust_name	Pro_name	Amount
1	Pen-Drive	900		1	ABC	Mouse	1000
2	Hard-Disk	5000		2	XYZ	Hard-Disk	5000
3	Mouse	1000		3	PQR	Pen-Drive	1800

[35]

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SET-2

- Q-1 Code a java program in such a way a user input a string at that time original string is compare with entered string and if there a spelling mistake then generate custom exception for that:

For Example: Original String = Memory

Entered String = Meomry

Output: Spelling is not correct!!!

(Note: you have to consider one original String Constant like "Incredible" that check with entered string) [30]

- Q-2 Considering following tables, Write a PL/SQL block to accept Roll no of student and display the book issued / return details as in following format.

Roll no -                      Name -  
Book ID              Title              Issue Date              Return Date

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.....

Table : Student

Column	Type	Constraint
Rollno	Number(3)	Primary key
Name	Varchar2(50)	Not null
City	Varchar2(30)	Not null

Table : Book

Column	Type	Constraint
Book_id	Number(3)	Primary key
Title	Varchar2(50)	Not null
Author	Number(3)	Not null

Table: Issue

Field name	Datatype	Size	Constraint
Rollno	Number	3	Foreign key (Student)
BookID	Number	3	Foreign key (Book)
Issue_date	Date		
Return_date	Date		

Insert proper data into given tables

[35]

- Q-3 Prepare following Mark sheet form and display total, Per and Grade using VBScript.

Rollno:	<input type="text"/>	Total:	<input type="text"/>
Name:	<input type="text"/>	Percentage:	<input type="text"/>
Sub1:	<input type="text"/>	Grade:	<input type="text"/>
Sub2:	<input type="text"/>		
Sub3:	<input type="text"/>		
Sub4:	<input type="text"/>		
Sub5:	<input type="text"/>		
Sub6:	<input type="text"/>		
Sub7:	<input type="text"/>		

Enter Rollno, name and all subject marks in text box and Press the **Result**