JAVA PROGRAMMING LAB-MODEL EXAM QUESTIONS

QUES.NO.	QUESTION-1	QUESTION-2
01	Get the input in a text area. change text format like bold , italics ,underline by clicking the respective buttons.	Create an Array-list and perform the following operations- remove,replace,index of element
02	create 3 threads in the same class. 1st thread should print from 1 to 100. 2nd thread should print from 100 to 1. 3rd thread should print odd numbers from 1 to 100.	Simulate a scientific calculator using GUI.
03	Create a Rational Number class with javadoc comments and perform multiplication of two rational numbers.	Create a swing application for temperature using Menu Bar and two text boxes .When a particular conversion is selected in menu, get the input value in one text box and print converted value in the other text box.
04	Create an Array-list and perform the various operations.	using GUI, perform complex number operations such as addition, subtraction, multiplication and division.
05	Simulate a Calculator using user-defined packages.	I/O-serialization- both writing to and reading from a file to implement currency conversion.
06	Simulate a Lisp like list using array-list concepts.	Design an ANNA University result page using database connection. Get roll number as input and retrieve the grade and the result.
07	Implement a simple vehicle class hierarchy.	Implement a chat using sockets and corresponding GUI.
08	Implement a QUEUE ADT using interfaces.	Simulate an echo server and the corresponding GUI enabled Client.
09	Object Serialization.	String manipulations with user-defined methods and classes.

10	Simulate an OPAC to perform the following operations - Search by author,title. Book issue and delete.	Use multi-threading so that one thread finds the strong number and the other finds the sum of strong numbers.
11	Simulate an OPAC to perform the following operations - Book issue user account details like books they have borrowed.	Implement a Simple inheritance program.
12	Simulate the date class functionalities :- all get and set methods. difference between dates. increment the given date. Provide java doc comments.	Implement a stack using user packages and check the balancing of brackets using that stack package.
13	Simulate a Lisp list to perform:- cons, car,cdr.	Simulate an OPAC and perform the various operations.
14	Create an arraylist to simulate a Lisp like list and perform the following operations:- car,cdr,setcar.	Perform currency conversion (dollar,rupee,pound,yen,euro) using swings. create two labels 'from' and 'to' and two combo boxes for that . Create two text boxes for input and output respectively.
15	Simulate an echo server and the corresponding GUI enabled Client.	Implement QUEUE ADT using Linked lists.
16	Implement Stack ADT using Linked lists.	Use multi-threading so that one thread finds and prints the prime numbers and the other finds their squares.
17	Create a Rational Number class with java doc comments and perform addition and subtraction of two rational numbers.	Implement Free-drawing using Swings.
18	Implement searching an element using generic search.	Implement Stack ADT using arrays.
19	Implement a QUEUE ADT using interfaces and arrays.	Use Multi-threading so that one thread prints the fibonacci numbers, the other prints the prime numbers and another that prints the common ones.

20	Perform Complex Number addition and subtraction.	Simulate an echo server and the corresponding GUI enabled Client.
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ALL THE BEST AND BEST OF EFFORTS!!!!

With regards,
Rangarajan