

**A.P.C College [WBSUB]**  
**Sessional Training Plan for 2<sup>nd</sup> Semester, 2022**  
**Subject: Object Oriented Programming Laboratory (COR10P)**  
**Department: M.Sc. (Computer Science)**

Sl. No.	Assignment No	Description	Group / Individual	Week
01	COR10P/01	Implement Stack Operation using Array in Java	Individual	One
02	COR10P/02	Implement Queue Operation using Array in Java	Individual	One
03	COR10P/03	Implement Stack Operation using Link List in Java	Individual	One
04	COR10P/04	Implement Queue Operation using Link List in Java	Individual	
05	COR10P/05A	Implement Method Overloading in java	Individual	One
	COR10P/05B	Implement Call by value & Call by reference in Java	Individual	
	COR10P/05C	Implement Fibonacci Series using Recursion Function in Java	Individual	
	COR10P/05D	Implement Command Line Arguments in java.	Individual	
06	COR10P/06A	Implement Multilevel Inheritance in java.	Individual	One
	COR10P/06B	Implement Hierarchical Inheritance in java.	Individual	
	COR10P/06C	Implement Method Overriding in java.	Individual	
	COR10P/06D	Implement Dynamic method dispatch in java.	Individual	
	COR10P/06E	Implement Abstract Class in java.	Individual	
07	COR10P/07A	Implement Different type of Access Specification in java.	Individual	One
	COR10P/07B	Implement Multiple Inheritance using Interface in java	Individual	
08	COR10P/08A	Implement Exception Handling using Try & Multiple Catch clauses in java.	Individual	One
	COR10P/08B	Implement the use of throw clause for Exception Handling in java	Individual	
	COR10P/08C	Implement the use of throws clause for Exception Handling in java	Individual	
	COR10P/08D	Implement the use of finally clause for Exception Handling in java	Individual	
	COR10P/08E	Create a new exception type (except built in exception) in java	Individual	
09	COR10P/09A	Create a thread using Runnable interface in java	Individual	One
	COR10P/09B	Create a thread using Thread class in java	Individual	
	COR10P/09C	Use of isAlive() and Join() method of Thread	Individual	
	COR10P/09D	Explain a deadlock situation in java	Individual	
10	COR10P/10	Copy the content of a text file to another text file in java	Individual	
11	COR10P/11A	Demonstrates equals and equalsIgnoreCase method of String in java	Individual	One
	COR10P/11B	How differentiate equals method and == operator for string in java	Individual	
	COR10P/11C	Implement Bubble Sort for string in java.	Individual	

**Instruction: Prepare a Lab Note Book in softcopy and submit before practical examination.**