

W e b E n g i n e e r i n g

Lab 07**Marks 100**

Instructions

Work on this lab individually. You can use your books, notes, handouts etc. but you are not allowed to borrow anything from your peer student.

Submission

Put all the files of your solution in a zipped folder labeled with your **roll number**.

Upload the zipper file solution(s) folder at Google classroom (<https://classroom.google.com>) by **Saturday, October 31, 2020 11:59 PM**. No submission will be accepted after this deadline.

Please use your **email account at PUCIT domain** and the provided code (in my earlier email) to join the Google classroom.

Objective

Today's lab will help you to refresh your basic Java programming concepts in Streams and Collection Object.

What you have to do

Program the following tasks in Java, compile and execute them. The name of your files will be according to the task given in this lab.

Task 1**[100]**

You are supposed to develop the functionality of an event management system with basic modules of **Admin** and **Client**.

- **Admin** and **Client** both can login into the system.



Save admin's/client's id, name and password in *admin.txt* and *client.txt* respectively.

A. Admin Module

- Admin can view the details of a client
- Admin can search the details of a client
- Admin can delete a client

B. Client Module

When a client login, show him/her a list of event after fetching from a file *event.txt*. For example

- Sport gala at November 01, 2020
- Cultural festival at November 15, 2020
- Book fair at November 20, 2020
- Job fair at November 25, 2020

Complete data of client should be stored in *Client.txt* in the following format:

Id:1, Name:Ali, Password:test123

Instructions:

Please go through the case study of addressBook prior to solve this task.

Use streams for data communication.

Handle all different type of exceptions.

Use ArrayList to manipulate data.

😊😊😊 **BEST OF LUCK** 😊😊😊
