

Fundamentals of Data Structures

Laboratory Projects

Minimum Requirements on Writing a Project Report

Title of Project

Author's Name

Date: yyyy-mm-dd

Chapter 1: Introduction

Problem description and (if any) background of the algorithms.

Chapter 2: Algorithm Specification

Description (pseudo-code preferred) of all the algorithms involved for solving the problem, including specifications of main data structures.

Chapter 3: Testing Results

Table of test cases. Each test case usually consists of a brief description of the purpose of this case, the expected result, the actual behavior of your program, the possible cause of a bug if your program does not function as expected, and the current status (“*pass*”, or “*corrected*”, or “*pending*”).

Chapter 4: Analysis and Comments

Analysis of the time and space complexities of the algorithms. Comments on further possible improvements.

Appendix: Source Code (in C)

At least 30% of the lines must be commented. Otherwise the code will NOT be evaluated.

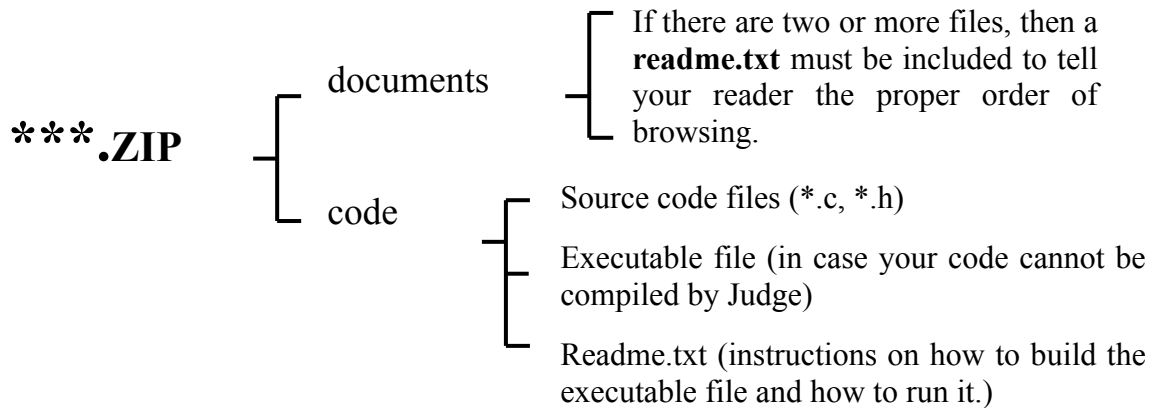
Declaration

I hereby declare that all the work done in this project titled "XXX" is of my independent effort.

Please keep in mind that these are the “minimum” requirements. Other requirements will be specified according to each project assignment.

Hand-in

The zipped file must contain the following:



Submit for Peer Review

For peer review you are supposed to submit your work through the online system at <https://pintia.cn/>. *Your name must **NOT** appear in any of your submitted documents. Any leak of identification (name, student ID, nickname, file properties, etc) will be considered as a fraud, and as a consequence you will be graded **zero**. Intentional disclosure of identity constitutes **cheating**.*

After the deadline of submitting your project, the peer review begins. You must complete your review work before the deadline.

Submit to your Teaching Assistant

The revised project reports are supposed to be submitted through the online system at <https://pintia.cn/> again, in a *separate* problem set.

When submitting to TA, your report document must be saved as a PDF file. The names of your report document and your source code files must be in the format ***Teacher2024_StudentID_ProjectNumber.****. For example, ***cy2024_3230103939_P2.pdf*** is considered to be the report for Project 2 by student with ID being 3230103939, and the instructor is represented by “cy”.

Late Penalty

Each assignment is due at 10:00pm on a specified date. The door for submission will be closed automatically afterwards.

For the peer review, there is **NO REMEDY**. Any one who misses the deadline will be graded zero automatically.

For the final review, late assignments will have to be sent to your instructor through email (e.g. Yue Chen's students are supposed to send email to chenyue@zju.edu.cn). The assignments received between 10:01pm – 11:59pm on the day they are due will be penalized 5% of the points on that lab. After the due date, the penalty will be 10% for each day they are late.