

DS Assignment 4<Open Source Practice> Report

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1. Build Guide

➤ `g++ hw4_main.cpp`

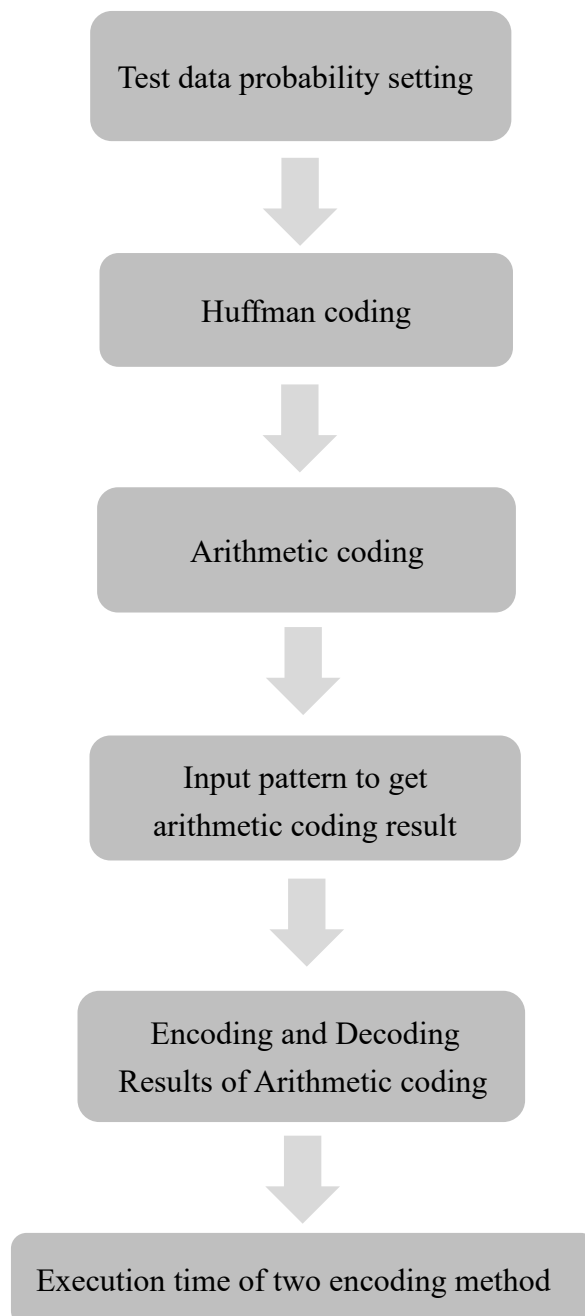
2. Execute Guide

➤ `./a.out`

➤ 輸入五個字母(僅能使用 a,b,c,d,e ex:abdde,bbacd)

➤ 顯示執行時間

3. Flowchart



4. System Architecture

- "Huffman.h" is the code of implementing Huffman coding
- "arch.h" is the code of implementing Arithmetic coding
- I calculate the time of system using respectively first, and compare them in the end