

# Assignment 3 Result Report

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### 1.Huffman complie

```
cornertw@DESKTOP-HD1IFP1:/mnt/c/Users/Max Liu/NCU_Documents/huffman-main$ make
cc -g -Wall -Werror -Wextra -O0 -std=c11 -D_POSIX_C_SOURCE=2 -c -o huffcode.o huffcode.c
cc -o huffcode huffcode.o libhuffman.a
```

### 2.Huffman execute

- Encoding
- input file is “runhuff.txt” , encoding file is “outpuhuff.txt”

```
cornertw@DESKTOP-HD1IFP1:/mnt/c/Users/Max Liu/NCU_Documents/DSA_project/huffmain/huffman-main$ ./huffcode -i runhuff.txt -o outpuhuff.txt
-c
執行時間(毫秒):1090.000000
```

- Decoding
- input file is “outpuhuff.txt” ,decoding file is “runhuff.txt”

```
cornertw@DESKTOP-HD1IFP1:/mnt/c/Users/Max Liu/NCU_Documents/DSA_project/huffmain/huffman-main$ ./huffcode -i outpuhuff.txt -o runhuff.txt -d
執行時間(毫秒):877.000000
```

### 3.Arithmetic

examples 的執行檔叫不出來, 故目前無法執行測試