**系統程式設計**

**Lab4 File Attributes**

**學號:408410035**

**姓名:鄭宇辰**

1. **How do you modify fig4\_22.c?**

在遇到無法開啟的資料夾時 使用

chmod(fullpath, S\_IRUSR | S\_IWUSR | S\_IXUSR | S\_IRGRP | S\_IROTH);

把該資料夾改為可以開啟的狀態

並且對於所有資料夾用buf.st\_size取出他的大小

link檔用lbuf.st\_size取出大小

（buf 來自 stat() lbuf來自lstat()）

1. **The count of the various types of files?**

**Ex: File type = Count, Percentage**

regular files = 53, 80.30 %

directories = 5, 7.58 %

block special = 0, 0.00 %

char special = 0, 0.00 %

FIFOs = 5, 7.58 %

symbolic links = 3, 4.55 %

sockets = 0, 0.00 %

1. **The count of total files size?**

**Ex: Total size = Size**

total size =20567

1. **(Bonus) The count of valid and invalid link?**

**Ex:**

**Valid link = Count**

**Invalid link = Count**