**系統程式設計**

**Lab5 Stdio Compare**

**學號:406410114**

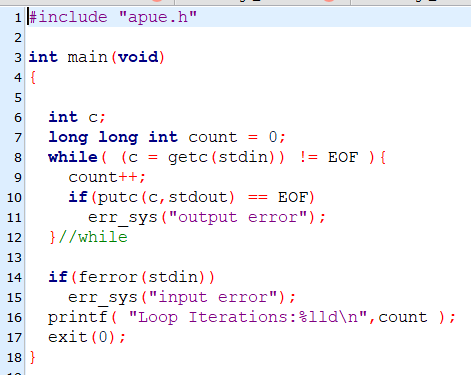
**姓名:郭晏誠**

1. **Where is the counter you add?   
   (請註明在程式碼的第幾行，最好加上截圖)**
2. fig5\_4.c

(i)第7行： long long int count = 0;

(ii) 第9行：count++

(iii) 第16行：printf( "Loop Iterations:%lld\n",count );

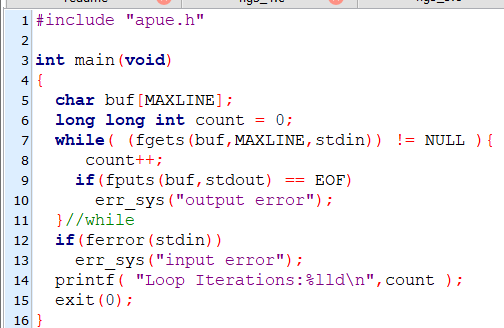


(2)fig5\_5.c

(i)第6行： long long int count = 0;

(ii) 第8行：count++

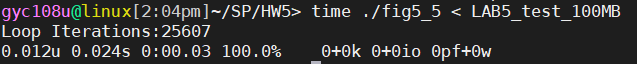
(iii) 第14行：printf( "Loop Iterations:%lld\n",count );



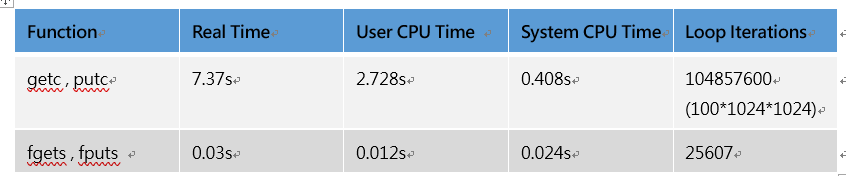
1. **Screen shot for Table1  
   (提供每個執行後的截圖，並說明每張截圖是屬於哪種function)**
2. getc , putc



1. fgets , fputs



1. 結果統計 發現fgets,fputs比getc,putc快

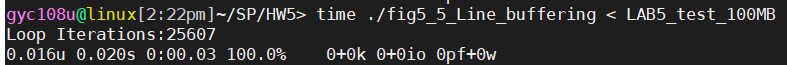


1. **Screen shot for Table2  
   (提供每個執行後的截圖，並說明每張截圖是屬於哪種mode)**

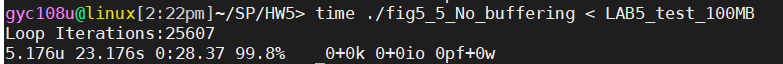
(1) fig5\_5\_Full\_buffering



(2) fig5\_5\_Line\_buffering



(3)fig5\_5\_No\_buffering



1. 結果統計

可發現速度上Full\_buffering > Line\_buffering > No\_buffering

