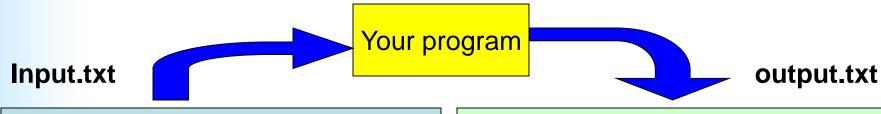
Homework #6 (1)

- Write a ARM assembly program to perform three tasks
 - Read a text file named "input.txt"
 - Transfer lower case letters ('a' to 'z') to upper case letters
 - Other characters are not changed.
 - Output the results to the a text file named "output.txt"

Homework #6 (2)



A little bird was flying south for the winter. It was so cold the bird froze and fell to the ground in a large field. While it was lying there, a cow came by and dropped some dung on it. As the frozen bird lay there in the pile of cow dung, it began to realize how warm it was.

A LITTLE BIRD WAS FLYING
SOUTH FOR THE WINTER. IT
WAS SO COLD THE BIRD FROZE
AND FELL TO THE GROUND IN A
LARGE FIELD. WHILE IT WAS
LYING THERE, A COW CAME BY
AND DROPPED SOME DUNG ON
IT. AS THE FROZEN BIRD LAY
THERE IN THE PILE OF COW
DUNG, IT BEGAN TO REALIZE
HOW WARM IT WAS.

Assembly Language, CSIE, CCU

Homework #6 (3)

- Program should be assembled and linked by gcc (ARM-ELF format)
- Program should be executed under GDB ARM simulator
- 程式中應有適當的說明(註解)
- 不可使用C library (請利用semihosting technique)

Homework #6 (4)

- You should turn in to ECOURSE
 - README.txt (純文字檔),描述你程式的內容、如何編譯程式、如何執行你的程式。
 - hw6.s (Your ARM assembly code)
 - Makefile
 - Any other files are required in your implementation
 - 你的測試檔: input.txt
 - 你程式執行之後產生的檔案: output.txt
- Deadline: December 18 (Monday), 2017