Assignment 5

Submit one C file for each question, total 4 files. (each file should have main())

File names are task1.c task2.c task3.c task4.c accordingly.

Task 1: Write a program that reads in one line of text from the user, and then prints the line in uppercase letters and in lowercase letters skipping any leading space.

For example, user puts in “ Hi thEre!” (without the quotations), the program should print both “HI THERE!” and “hi there!” (without the quotations)

Task 2:  Write a program that reads in a line of text from the user, prints “valid” or “invalid” based on whether the input is a valid BCIT A#

[Hint: a valid BCIT A# should start with ‘A’ or ‘a’ and followed by 8 digits]

Task 3: Write a program that reads in one line of text from the user, tokenizes the line with function strtok and outputs the tokens in reverse order.

Task 4: Write a program that reads in a line of text from the user, prints an integer as how many words in the input line.