## **Introductory Programming UESTC1005**

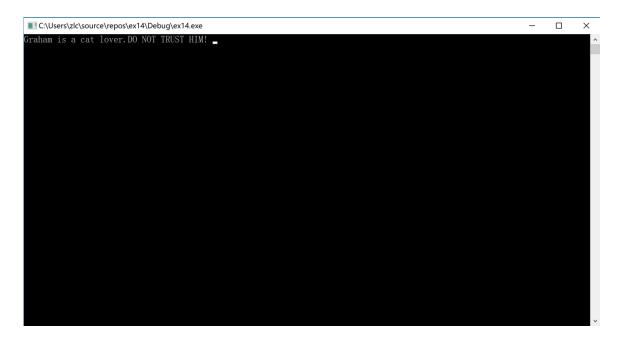
STUDENT NAME: <u>张立澄</u>

**STUDENT NUMBER**: 2017200602011

You will need to complete the demonstration of this week lab and submit this report into BB (it will be added into your portfolio of work).

## **Exercise 14: Bit manipulation**

Task\_A: Follow the instructions in Week 15 Lab manual and past your screen short of your result here.



Task\_B: Please attach your source code here.

```
//This is a program about bit manipulation
#define _CRT_SECURE_NO_WARNINGS
#include-stdio.h>
void Decrypt(int former[], char decryption[]) {
    int i;
    int latter[20];
    for (i = 0; i < 20; i++) {
        latter[i] = former[i] ^ 31337;
        decryption[2 * i] = latter[i];
    }
}
void Text(char text[]) {
    int i;
    for (i = 0; i < 40; i++)
        printf("%c", text[i]);
}
int main() {
    int secret[20] =
{15643,6913,6916,23040,2377,6985,6408,3657,5638,3084,2119,15910,23079,13629,23101,10300,10557,23073,13092,23369};
    char decryption[100];
    Decrypt(secret, decryption);
    Text(decryption);
    getchar();
}</pre>
```

## **Exercise 15: Pointers**

Task\_A: Follow the instructions in Week 15 Lab manual and past your screen short of your result here.

## Task\_B: Please attach your source code here.

```
//This is a program to calculate today's year, date, hour, and minute.
#define_CRT_SECURE_NO_WARNINGS
#include<stidio.h>
#include<stidio.h>
#include<stidio.h>
#include<stidio.h>
#include<stidio.h>
#include<tidio.h>
#include<tidio.h>
#include<tidio.h>
#include<tidio.h>
#include<tidio.h>
#include<tidio.h>
#include<tidio.h

#include<td>#include#include#include#include#include#include#include#include#include#include#includ
```