

# Introduction to Computers and Programming LAB-2<sup>2016/09/21</sup>

- ✧ You **cannot** use **Selection Statements** (if, else ...) or **Iteration Statements** (for, while) even if you have learned them.
- ✧ Your output must be in our sample output format.
- ✧ If you cannot finish it in time, you should demo your lab work at next lab time (The dead line is 21:30).

1. Please finish the following program whose output is the same as the sample image.

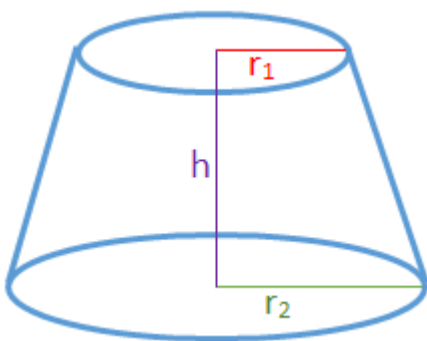
```
#include<stdio.h>
#include<stdlib.h>
int main()
{
    int year=2016, month=9, day=21;
    float temperature = 23.54;
    /* Please write your code here */
    return 0;
}
```

```
"Date"      2016\09\21
"Temperature" 23.5
```

2. Write a program that will reverse the six-digit number you input.

```
Enter the six digit number: 413925
The reverse number is: 529314
請按任意鍵繼續 . . .
```

3. Write a program with three input value ( r1: radius of upper circle , r2: radius of lower circle , h: height of the object) to calculate the volume of the object below.



```
Value of r1:5
Value of r2:24
Value of h:9
Volume: 6795.264648
請按任意鍵繼續 . . .
```

Note. the value of  $\pi$  is 3.1415926

4. Write a program that asks the user to enter a float number and rounds it to the nearest integer.

```
Enter a float number: 200.5
The number after rounding is: 201
-----
Process exited with return value 0
Press any key to continue . . .
```