

Question 1

Create a program that asks the user for their information (name, surname, nickname, and age). Then, print all of the information in the form of the following pattern.

You can use printf() only once for the final output (Hint : use "Escape Sequences")

For example:

Enter your first name: Chakrin

Enter your surname: Lekngam

Enter your nickname: Aonggy

Enter your age: 19

Output:

My name is Chakrin Lekngam

or you can call me "Aonggy"

I'm 19 years old.

Question 2

Write a program using for-loops to print out this pattern:

```
1
2 3
4 5 6
7 8 9 10
```

Question 3

Write a program in C to reverse the order of a number.

For example:

Enter a number: 12345

Reverse = 54321

Question 4

Write functions for calculating an area of triangle, square, rectangle, circle.

Ex.double calCircle(double radius);

Question 5

Write functions for swapping two double variables.