

C 程式設計實習 雙周測驗

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1. (30%) Take **five integers** from user and print the maximum one (the format must be consistent).

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Enter five integers:
845 -56 84 -264 0
From 845, -56, 84, -264, 0, the maximum number is: 845
```

2. (35%) Input three positive integers a, b, c, determine the conditions between a, b, c and output the following results:

(Only can using 'switch', 'if else' is banned)

- Not a triangle --> Not a triangle
- Acute Triangle --> Acute Triangle
- Right Triangle --> Right Triangle
- Obtuse Triangle --> Obtuse Triangle

```
Enter the three positive integers a, b, and c: 95 2 15
Not a triangle

Enter the three positive integers a, b, and c: 6 8 10
Right Triangle
```

3. (35%) Same as Question 2, but using 'switch' is prohibited; only 'if else' is allowed.