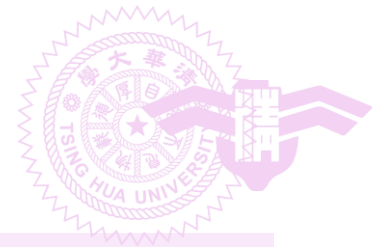


# Taiwan Lottery

<https://acm.cs.nthu.edu.tw/problem/10451/>

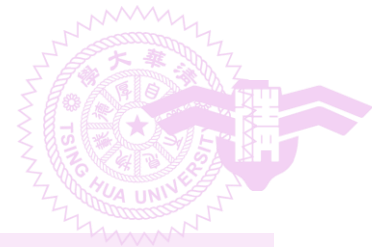




# Background

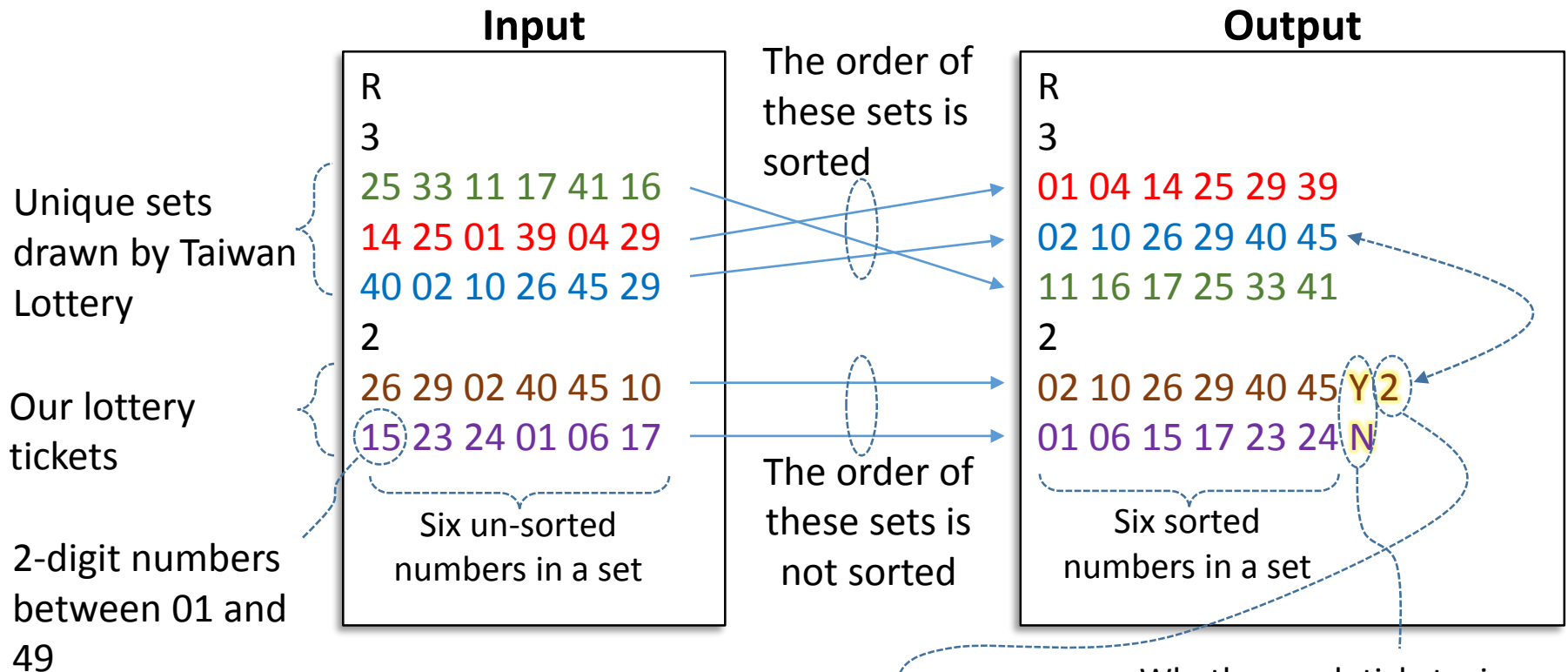
- Taiwan Lottery draws many (e.g., 100) sets of lottery numbers during Chinese New Year
  - Each with NT\$1,000,000 prize
- It is important for us to have a program that helps checking whether we win the lottery!





# Input Output Requirements

- Use standard input and output, i.e., **cin** and **cout**



- Which set is matched. In this example, the 2<sup>nd</sup> one (in the output) is matched

- Whether each ticket wins the lottery, i.e., all six numbers are matched.<sub>3</sub>



# Input Output Requirements

Please ignore this character

## Input

```

R
3
25 33 11 17 41 16
14 25 01 39 04 29
40 02 10 26 45 29
2
26 29 02 40 45 10
15 23 24 01 06 17

```

Number of lottery draws (1~999)

Number of our lottery tickets (>=1)

Repeat the input information

## Output

```

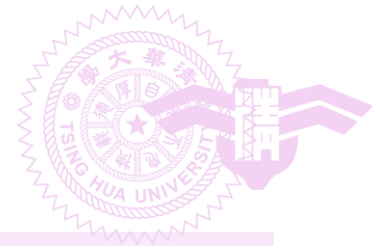
R
3
01 04 14 25 29 39
02 10 26 29 40 45
11 16 17 25 33 41
2
02 10 26 29 40 45 Y 2
01 06 15 17 23 24 N

```

- Only plain text is received/printed. The coloring of text here is for explanation only.

- Numbers and alphabets are separate by one space character.

- No spaces or tabs are at the end of each printed line. **No newline in the last output line.**



# Other Notes

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- **No** need to handle invalid input (e.g., duplicate numbers in one lottery ticket)