

### Bonus Task: Pattern Searching

#### ICT1002 Programming Fundamentals

In this task you will write a program that reads two sequences of numbers. The first sequence of numbers is called *candidate* and the second sequence of numbers is called *pattern*. Your program will determine if the pattern is found **entirely** in the candidate. To be considered found entirely, all elements of *pattern* must be in the *candidate* sequence at consecutive positions. You have to output the number of founded patterns, or -1 if the *pattern* is not found in the candidate.

**Input:** Allow the users to input two sequences, the first sequence is the candidate and the second candidate is the pattern.

**Output:** The number of pattern sequence appearing in the candidate sequence (in ONE line).

Sample Execution: `python PatternSearching.py 1,2,3,1,2 1,2`  
`Pattern appears 2 time!`