

1. (以"tion"結尾的字串) 請撰寫一個程式讀入 5 個字串，然後印出結尾為「tion」的字串。
2. 設計一個程式，從鍵盤讀取幾行文字，並且印出表格，指出文章中每個字母出現的次數。例如，下面這個片語

To be, or not to be:that is the question:

包含了一個「a」，兩個「b」，沒有「c」，以此類推。
3. (溫度轉換) 編寫一個程式，將整數華氏溫度從 0 到 212 度轉換為精確度 3 位的浮點數攝氏溫度。請使用下列公式進行計算
$$\text{celsius} = 5.0 / 9.0 * (\text{fahrenheit} - 32);$$
4. (將浮點數四捨五入) 編寫一個印出值為 100.453627 的程式，將其四捨五入到最接近的位數、十分之一、百分之一、千分之一和萬分之一。

1. (***Strings Starting with "Th"***) Write a program that reads five strings and prints only those beginning with the letters "Th".
2. Write a program that reads several lines of text and prints a table indicating the number of occurrences of each letter of the alphabet in the text. For example, the phrase

To be, or not to be: that is the question:

contains one "a," two "b's," no "c's," and so on.

3. (***Temperature Conversions***) Write a program that converts integer Fahrenheit temperatures from 0 to 212 degrees to floating-point Celsius temperatures with 3 digits of precision. Perform the calculation using the formula

$$\text{celsius} = 5.0 / 9.0 * (\text{fahrenheit} - 32);$$

3. (***Rounding Floating-Point Numbers***) Write a program that prints the value 100.453627 rounded to the nearest digit, tenth, hundredth, thousandth and ten-thousandth.