有最簡易的 Makefile，輸入 **make** 後，會有 **gcc hw0201.c -o hw0201**。

接著輸入**./hw0201** 執行程式。

最開始會先印出

Please enter an initial string consisting of a/A-z/Z and space:

然後我按照範例輸入：Hello, world!

接著會有選單如下，且每次都會印出目前狀態。

```
Please enter an initial string consisting of a/A-z/Z and space: Hello, world!

 Hello world|

 ------------------------------------------------
|0) Delete                                        |
|1) Move left                                     |
|2) Move right                                    |
|3) Insert character (enter a/A-z/Z or space)     |
|4) Redo (redo)                                   |
|5) Undo (undo)                                   |
|ESC) Exit                                        |
 ------------------------------------------------
Enter your choice: █
```

輸入 **0** 可以刪除字元。

（例）實作如下

```
 Hello world|

 ------------------------------------------------
|0) Delete                                        |
|1) Move left                                     |
|2) Move right                                    |
|3) Insert character (enter a/A-z/Z or space)     |
|4) Redo (redo)                                   |
|5) Undo (undo)                                   |
|ESC) Exit                                        |
 ------------------------------------------------
Enter your choice: 0

 Hello worl|
```

輸入 **1** 可以將游標向左移動。

輸入 **2** 可以將游標向左移動。

（例）實作如下：先輸入 1，在輸入 2。

```
  Hello world|

 ------------------------------------------
|0) Delete
|1) Move left
|2) Move right
|3) Insert character (enter a/A-z/Z or space)
|4) Redo (redo)
|5) Undo (undo)
|ESC) Exit
 ------------------------------------------
Enter your choice: 1

  Hello worl|d

 ------------------------------------------
|0) Delete
|1) Move left
|2) Move right
|3) Insert character (enter a/A-z/Z or space)
|4) Redo (redo)
|5) Undo (undo)
|ESC) Exit
 ------------------------------------------
Enter your choice: 2

  Hello world|
```

輸入 **3** 可以新增字元（a/A-z/Z or space），如果不是範圍內的將不儲存。
（例）實作如下

```
  Hello world|

 --------------------------------------------
|0) Delete                                   |
|1) Move left                                |
|2) Move right                              |
|3) Insert character (enter a/A-z/Z or space) |
|4) Redo (redo)                              |
|5) Undo (undo)                              |
|ESC) Exit                                   |
 --------------------------------------------
Enter your choice: 3
Enter a character to insert: R

  Hello worldR|
```

輸入 **4** 可以取消 ***undo*** 的動作，到上一步。

輸入 **5** 可以回到上一步。

（例）實作如下：

　　上一步為輸入字元 R，因此我們先輸入 5，在輸入 4，有以下結果。

```
 Hello worldR|

------------------------------------------------
|0) Delete                                      |
|1) Move left                                   |
|2) Move right                                  |
|3) Insert character (enter a/A-z/Z or space)   |
|4) Redo (redo)                                 |
|5) Undo (undo)                                 |
|ESC) Exit                                      |
------------------------------------------------
Enter your choice: 5

 Hello world|

------------------------------------------------
|0) Delete                                      |
|1) Move left                                   |
|2) Move right                                  |
|3) Insert character (enter a/A-z/Z or space)   |
|4) Redo (redo)                                 |
|5) Undo (undo)                                 |
|ESC) Exit                                      |
------------------------------------------------
Enter your choice: 4

 Hello worldR|
```

按 ESC 鍵後，按 enter 鍵可以退出程式。

```
Enter your choice: ^[
```