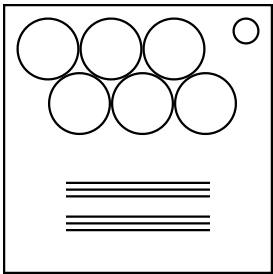# On the Subject of Linq

using System.SlightlyInaccurateVersionOfLinq;

The module has 6 toggleable LEDs, and text that acts as a submit button. There are 6 stages.

These LEDs are ordered in 1 of 2 ways. This table shows both of them. Identify which by pressing the LEDs, which play a pitched sound respective to their position. (Higher position = higher pitch)

$$1_2\ 3_4\ 5_6 \quad \Big| \quad 1_4\ 2_5\ 3_6$$

Refer to the table row that matches the text. Set all LEDs to the row's "Set", **UNLESS** the LED follows the exception. The text may include things inside the parentheses "()", which in this table is referred to as ×.

Text	Set	Exception
First()	OFF	It's the first lit LED.
Last()	OFF	It's the last lit LED.
Min()	OFF	Its character is the lowest digit of the lit LEDs.
Max()	OFF	Its character is the letter closest to Z of the lit LEDs.
Distinct()	OFF	Its character **DOES NOT** exist on other LEDs before itself.
Skip(×)	OFF	It's after the first × lit LEDs.
SkipLast(×)	OFF	It's before the last × lit LEDs.
Take(×)	OFF	It's 1 of the first × lit LEDs.
TakeLast(×)	OFF	It's 1 of the last × lit LEDs.
ElementAt(×)	OFF	It's position is equal to × + 1.
Except(×)	OFF	Its character is excluded from ×.
Intersect(×)	OFF	Its character is included in ×.
Concat(×)	ON	**"Except(×)"** Exception.
Append(×)	ON	**"Except(×)"** Exception OR before the last lit LED.
Prepend(×)	ON	**"Except(×)"** Exception OR after the first lit LED.