**User menu**

**## 100 Classic Examples (C Language) (32-bit)**

For tutorial purpose, I think it is somewhat help people who was just start programming in C language. It also logging my study progress. In some cases I may use this example as reference or a test subject.

**## System requirements**

Windows 7 or higher, 32-bit or 64-bit. (Program will not display properly as Windows XP or below system do not support Unicode characters)

**## Features**

\* Run any Classic Examples default in the C\_100Q folder

\* Copy and Export sources code.

**## Additional information**

\* The ‘A’, ‘B’, ‘C’ file is using for Question [099], program will not work if you delete it.

\* The “stud” file is using for Question [100], it will create again when you run that C program.

**## Bugs / Known Issue**

\* Useless text-box.

\* Old school elements

\* The white area under the text-box field.

**## To-Do**

\* Kill the C process which been opened before. (next build 02)

\* Ctrl + A to select all text in the text-box. (next build 02)

\* Export all the source code in one click. (next build 02)

\* Try to integrate all 101 C programs into the Windows program. (Still learning WinAPI, don't know how to it yet)

\* Debug command and direct input to the C process using the text-box.

\* Translation.

\* & Any suggestion?

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**100 Classic Examples (C Language) and those 101 C programs are all licensed under GNU GPL, v3**

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**Development page**

**### Building**

100 Classic Examples (C Language) and other C 100 programs were built using Microsoft C compiler. It is not tested in other IDE, if you attempt to use others compiler, you may spend a long time trying to fix things. The only tested IDE is Visual Studio 2019.

This solution is set to Use Unicode Character Set, using any others character set may not display properly.

(Multi-Byte Character Set were used for those 101 C programs)

**### Names**

\* Function parameters, and global variables use CamelCase.

\* Local variables use lowerCamelCase.

\* Hungarian notation applied in this program.

\* Structs use Caps\_With\_Underscores.

**### Types**

\* “BOOL” for a 1 byte boolean.

\* “TCHAR” for a 2 byte character.

**#### Booleans**

Always use:

if (booleanVariable){ // not "if (booleanVariable == TRUE)"

// Do something

}

**### Strings**

\* Use “TCHAR” for char variables.

\* Use TEXT(“String”) to convert ASCII to Unicode-16.

**### Bugs**

If you have any suggestion or bug report, please feel free to let me know ([laisiotou1997@gmail.com](mailto:laisiotou1997@gmail.com)) or contribute this project directly on GitHub.

([https://github.com/lst97/C-Language\_practise/tree/master/100%20Classic%20Examples](https://github.com/lst97/C-Language_practise/tree/master/100 Classic Examples))

**### Version**

The first digit represent stable version, second digit for beta, third digit for minor change.

For example:

v0.1.0 = Program is still in beta.

v1.0.1 = Stable release with 1 minor update or patch.

v1.1.3 = You joined the Beta channel with beta ver1 and patch with 3 minor updates.

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**This development document also suitable for all others 101 C programs**

**(except some variables name and type)**

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