

String Conversion Library

Introduction:

We often remove the spaces between words because programs of different sorts reserve the space (' ') character for special purposes. Because the space character is reserved, we cannot use it to represent a concept that we express in our human language with multiple words.

Camel Case:

This is a very popular way to combine words to form a single concept. It is often used as a convention in variable declaration in many languages.

Pascal Case:

This is also a very popular way to combine words to form a single concept. It is often used as a convention in declaring classes in many languages.

Snake Case:

This style, when capitalized, is often used as a convention in declaring constants in many languages. When lower cased, it is used conventionally in declaring database field names.

Kabab Case:

This style is often used in URLs. For example, www.blog.com/cool-article-1. It is a nice, clean, human-readable way to combine the words.

General VI Requirements:

Functions

Function:

- 1) Convert string to Camel Case:
- 2) Convert string to Pascal Case:
- 3a) Convert string to Snake Case (Lower):
- 3b) Convert string to Snake Case (Upper):
- 4) Convert string to Kebab Case:

- 5) Convert Camel Case to standard string:
- 6) Convert Pascal Case to standard string:
- 7) Convert Snake Case to standard string:
- 8) Convert Kebab Case to standard string:

Example:

```
hello world! >> helloWorld!  
hello World! >> HelloWorld!  
hello World! >> hello_world_  
hello World! >> HELLO_WORLD_  
hello world! >> hello-world-!  
  
helloWorld! >> hello world!  
HelloWorld! >> hello world!  
hello_world_! >> hello world!  
hello-world-! >> hello world!
```

Error Handling

- Functions must execute when there is an error entering the function.
- If an error is entered to the function, it must be passed out.
- If an error occurs in any function this must be passed out of the function.