

// The top of every source code file must include this line

```
#include "sierrachart.h"
```

// For reference, refer to this page:

// <https://www.sierrachart.com/index.php?page=doc/AdvancedCustomStudyInterfaceAndLanguage.php>

// This line is required. Change the text within the quote

// marks to what you want to name your group of custom studies.

```
SCDLLName("Custom Study DLL")
```

//This is the basic framework of a study function. Change the name 'TemplateFunction' to what you require.

```
SCSFExport scsf_TemplateFunction(SCStudyInterfaceRef sc)
```

```
{
```

```
    // Section 1 - Set the configuration variables and defaults
```

```
    if (sc.SetDefaults)
```

```
    {
```

```
        sc.GraphName = "Template Function";
```

```
        sc.AutoLoop = 1; //Automatic looping is enabled.
```

```
        sc.Subgraph[0].Name = "Name";
```

```
        sc.Subgraph[0].DrawStyle = DRAWSTYLE_LINE;
```

```
        sc.Subgraph[0].PrimaryColor = RGB (0, 255, 0);
```

```
        sc.Input[0].Name = "Float Input";
```

```
        sc.Input[0].SetFloat(0.0f);
```

```
        return;
```

```
    }
```

```
    // Section 2 - Do data processing here
```

```
}
```