**Report for Task1**

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My system utility was created to see, which processes are working and their number. In addition, I added function that show window information. To create a system utility, I used these libraries:

* **Iostream** – It’s the standard library for input-output operations in C++.
* **Windows.h** – It’s the header file that contains declarations for all of the functions, macros, and data types used by Windows API.
* **tlhelp32.h** – It’s a header file for the ToolHelp API which provides functions for working with processes and modules.
* **string** – It’s the standard library for working with strings in C++.

In the system utility, there are one main function that execute next function from your choice, which were given in the main function. One of them will show processes that working in the system and their total number. While other function show window information.

In addition, I gain access to information and stored them through using these:

HANDLE hProcessSnap;

PROCESSENTRY32 pe32;

HWND hwnd = GetForegroundWindow();

In the end, a system utility was created, where it gives 2 option and execute them.