

# College of Engineering Guindy

Anna University

Department of Information Science and Technology

## Tools / Software used

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**TITLE:**

Happy  
Coding!!!

**BY**

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## Tools / software used :

- **Sublime text editor:**

This is a simple text editor which can support additional features the users need via plugins. Plugins can be used to add more functionality to the text editor. Plugins are also one of the important reasons that the sublime text editor has become this famous.

- **Sublime API**

Users can create their own plugin using python and along with the modules for sublime. Those modules provide the API to access and interact with the sublime text editor, which can be used to retrieve the code, display the output or the error.

- **Python**

The main plugin is built using python. Since python has a rich library and friendly community, we choose python to build our plugin in python.

- **Stack exchange API**

Python has many libraries, one of which is the Stack Exchange library, this can be used to access the stack exchange API seamlessly. This reduces the burden of validation and authentication.

- [URL lib](#)

Adding more to our python glory, we have URL lib, a module to be used along with our stack overflow API to make HTTP request to their stack overflow server.

- [NLTK in Python](#)

And finally the NLTK , this is an open sourced Natural Language Processing Tool Kit. This would be used to improve the search results and for better ordering in the future enhancement.