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Assignment 6.3

1. Provide a template Sphinx command line command which auto documents your project. Explain what each flag and each element of your command do.
2. What flag should you add if you use implicit namespaces in your project?

```
(myenv) osamaabdulrazzak@all-MS-7035:~/Desktop/Assignment 6.3$ sphinx-apidoc -o source ../Assignment\ 6.3/src --implicit-namespaces
Creating file source/src.rst.
Creating file source/src.arithmetic.rst.
Creating file source/src.calculator.rst.
Creating file source/src.common.rst.
Creating file source/modules.rst.
```

sphinx-apidoc -o source ../Assignment\ 6.3/src --implicit-namespaces

sphinx-apidoc: It is basically used to generate an automatically .rst files from the source code

-o source: specify the output directory for the generated .rst files and in this case our output directory is set to source

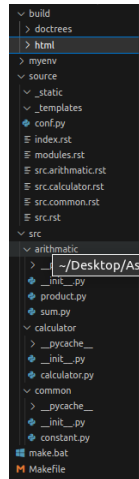
../Assignment\ 6.3/src: It specify the path to source code of the python project, basically it specifies the location where sphinx should search for python module and packages for generate documentation

---implicit-namespaces: It tell sphinx to create separate namespace and generate .rst file in source directory

By running this command, Sphinx will scan the specified source code directory and generate .rst files in the 'source' directory. These rst files can then be used as input to Sphinx's documentation builder, which produces HTML, PDF, or other formats for the project's documentation

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and I also applied this to our task activity
Here is Documented file which is auto created



for observing the html file we type the following command 'irefox ./build/html/index.html &'

