## Group Member's Name:-

## Muhammad Arsalan (2303.KHI.DEG.025) Abdul Rehman (2303.KHI.DEG.035) Arshad Shiwani (2303.KHI.DEG.026)

## (1) Sphinx command line command:

sphinx-apidoc -o <output\_dir> <module\_dir> [exclude\_patterns] [options]

**sphinx-apidoc:** is a Sphinx command-line tool used to automatically generate API documentation from Python modules.

<output\_dir>:
It is the directory where the generated documentation files will be saved.

<module\_dir>: It is the directory containing the Python modules that you want
to document.

[exclude\_patterns]: It allows you to specify patterns and It helps you specify which files or folders should not be included in the generated documentation.

**[options]:** refers to additional command-line flags or parameters that can be used with the sphinx-apidoc command. These options allow you to customize the behavior of the documentation generation process.

Examples of commonly used options include

- -f: forces the regeneration of all files, regardless of their existing status.
- -e: generates separate files for each module instead of combining them into one file.
- (2) flag that should be use for implicit namespaces in project.

<sup>&</sup>quot;--implicit-namespaces"