CS442: Programming Assignment 2

(Team 13)

**Submitted By:**

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**Libraries used :-**

1. numpy
2. matplotlib
3. matplotlib.pyplot
4. matplotlib.widgets
5. matplotlib.path
6. geomdl
7. ipywidgets

**How to compile source code:-**

* We have submitted the code as a .ipynib file(work in progress)

NOTE: Python libraries matplotlib.widgets, matplotlib.path & ipywidgets do not function properly on Google Colab notebooks or in a .py file, and hence we have programmed and coded the file locally (Jupyter Notebook).

* The file might give errors while compiling and running on your local PC as libraries used, need to be installed. Install necessary libraries using ‘pip install <library>’
* We can run all the cells in the jupyter notebook file by going to **Cell -> Run All**
* To run a single cell: we select the cell and use the keyboard shortcut **Shift+enter**.

**Referred Links:-**

<https://matplotlib.org/>

<https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.html>

<https://matplotlib.org/stable/api/widgets_api.html>

<https://matplotlib.org/stable/api/path_api.html>

<https://nurbs-python.readthedocs.io/en/latest/index.html>

<https://ipywidgets.readthedocs.io/en/latest/>

<https://stackoverflow.com/>