- Zip all your files and label the zip file as **[Roll number in lower case]_hw1.zip**
- The scripts will be executed and compared against the submitted PDF file.
- Do not submit overleaf files or Jupyter files, or any such third party software.
- Submit a single zip file containing `.py, .tex, .m, .pdf` and image files only.
- Ensure figure fonts and axes are legible and the figures are saved with a minimum of 300 DPI.
- LaTeXdocument should have the figures referenced in the text

Problem 1

1. Create a well-labelled two-dimensional plot using Python3 that describes a function of your choice.
2. Create a three-dimensional plot using Octave of a function of your choice.
3. Create a LaTeXreport document that includes the above two figures and describes the functions. Take care to ensure proper placement of figure.