

GEO111 – NUMERICAL SKILLS IN GEOSCIENCE

week #09: Introduction to GUIs

21st November 2016

Work plan

The plan for the lab work is:

1. Work through Section 7.1 (of Chapter #7) – 'MATLAB GUI basics', file: **GEO111_ch7.pdf**.
2. Ensure that you have completed the ball ballistics exercise from Week #8.

Learning goals (aka: 'what specifically should I have got to grips with?')

Topics and methodologies you should be familiar with:

- Creating a basic GUI using the MATLAB GUIDE GUI design tool.
- Concepts of GUI objects and their properties.
- Being able to make simple edits/additions to the automatically generated GUI associated code.

Specific MATLAB commands you should be familiar with:

- GUI function operations: `findobj` and `set`
- `global`