

# MPHYG001 Assignment 1: Packaging Greengraph

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For this assignment the task was to take the Greengraph code<sup>1</sup>, packaging it up into a form that can be `pip` installed and run from the command line. This code can be found at the GitHub repository `ddervs/GreenGraph`. The usage of the packaged function is shown below (the output of `greengraph --help`).

```
usage: greengraph [-h] [--steps STEPS] [--out OUT] start end

Plots amount of green space between two locations.

positional arguments:
  start                starting location, string
  end                  final location, string

optional arguments:
  -h, --help          show this help message and exit
  --steps STEPS       number of calculated points, defaults to 20, integer
  --out OUT            output file, "*.png" or "*.pdf"
```

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<sup>1</sup><http://development.rc.ucl.ac.uk/training/engineering/ch01data/110Capstone.html>