**Gauss Quadrature**

A small module to calculate and print gauss quadrature method.

**Getting Started**

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes. See deployment for notes on how to deploy the project on a live system.

**Prerequisites**

What things you need to install the software and how to install them

Python 3.7 interpreter

Numpy package

**Installing**

Python 3.7 you can get from the official website: <https://www.python.org/>

Numpy you can get via distribution with pip or anaconda, some enviroments have the package already installed.

**Running the tests**

Checked if the numbers worked on a few functions, and number of iterations seems to be quite accurate in calculating integrals.

**Built With**

* [pycharm](https://www.jetbrains.com/pycharm/)

**Versioning**

Version 1.0 working algorithm.

**Authors**

* **Ilan Kroter- the algorithm writing**

**License**

Feel free to use it, the rest of the legal license is from nupy library.

**Acknowledgments**

Whoever wrote the code to calculate the wigth and the sample points of the method in numpy.