This problem simulates the trajectory of a charged particle in an external magnetic field. It illustrates the effect mass has on the trajectory of such a particle.

The direction of the magnetic field is perpendicular to the simlated plane. The particle trajectory is integrated by updating a velocty with the force and position with the force and velocty for each iteration.

In order to run the Python version of the problem:

```
python trajectory.py
```

It should produce the following output plot:

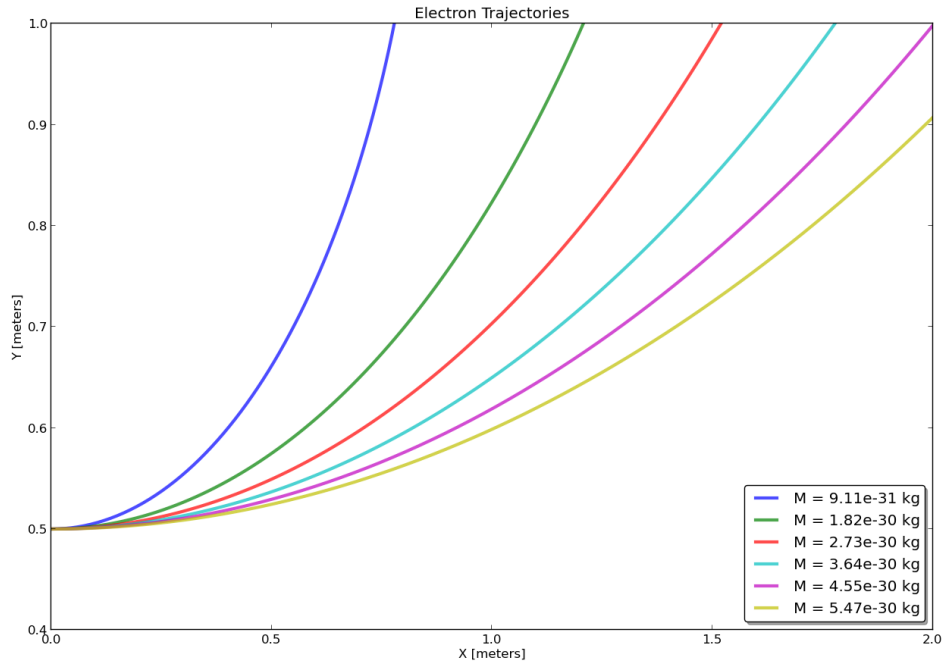

Figure 1: Charged particle trajectory output plot