4.1.2 Problem Set: Instructions

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In this pset, you will implement an initial value problem (IVP) class and methods and then apply them to model the trajectory of a hail particle and a Martian lander (yes, quite a range!). Along the way, you'll also get some more experience with plotting in Python.

- Please take a moment to familiarize yourself with the CSE.0002x style guide available in Section 2.1.6.

- You can download the provided files and then upload your solution files on the Vocareum website using the link provided in Section 4.1.3.

- You should write code only in the sections marked as follows:

```
#### BEGIN SOLUTION ####
raise NotImplementedError("...")
#### END SOLUTION ####
```

  Remember to remove or comment out the raised `NotImplementedError`. Do not write or modify code outside those markers. However, you may experiment with code in the `"__main__"` blocks, as they will be ignored for grading.

- **WARNING:** You may not use `NumPy` anywhere in your implementation for solving this pset! The autograder will assign a 0 if it detects any usage of `NumPy`.

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