

What's this chapter about?

We created a package called **mymath** in the previous chapter. In this chapter, we will learn how to share it on the Python Packaging Index (PyPI). To do that, we will first need to learn how to create a **setup.py** file. Just to review, here is our current folder hierarchy:

```
mymath/  
  __init__.py  
  adv/  
    __init__.py  
    sqrt.py  
  add.py  
  subtract.py  
  multiply.py  
  divide.py
```



This means that you have a **mymath** folder with the following files in it: **__init__.py**, **add.py**, **subtract.py**, **multiply.py** and **divide.py**. You will also have an **adv** folder inside the **mymath** folder. In the **adv** folder, you will have two files: **__init__.py** and **sqrt.py**.