Common Pitfalls With Variable Initialization

You'll want to watch out for a common mistake: forgetting to initialize variables. If you try to use a variable without first initializing it, you'll run into a **NameError**. This is the Python interpreter catching the mistake and telling you that you're using an undefined variable. The fix is pretty simple: initialize the variable by assigning the variable a value before you use it.

Another common mistake to watch out for that can be a little trickier to spot is forgetting to initialize variables with the correct value. If you use a variable earlier in your code and then reuse it later in a loop without first setting the value to something you want, your code may wind up doing something you didn't expect. Don't forget to initialize your variables before using them!