* Let’s say that we want to count how many rows are in a file



* Using this it opens the file and loads all of the contents into the “open\_file”
  + Then it iterates over all of the rows to increment “row\_count”
* If you are working with a lot of data this may take a lot of time
* You can use a generator function that behaves like an iterator
  + Once it has been presented it’s expected to ne bused again and can be cleared from memory
* The idea is that you can load one row at a time not the load the whole file all at once
* The code would look like



* The yield makes the generator function
* The idea behind the yield function is that it will suspend the execution and return the corresponding value to you