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Module 8 – Opening and Closing Files

Files are opened in Python using the open() function.  
  
Syntax:  
 open(filename, mode)  
  
Common modes:  
'r' – Read  
'w' – Write (overwrites)  
'a' – Append  
'r+' – Read and write  
  
Example:  
 file = open("data.txt", "w")  
 file.write("Hello Python!")  
 file.close()  
  
Always close files after use to prevent data loss.