1. fP (folder path):
   1. fP is a variable that holds the path to the folder selected by the user. It represents the location of the process or the folder where the files are to be renamed.
      1. You as the user will choose the folder you want to be monitored thus assigning the variable depending on the chosen folder.
      2. **Formula : fP = filedialog.askdirectory()**
2. prefixEntry (prefix):
   1. prefixEntry is a tkinter Entry widget where the user can input a prefix. This prefix is then added to the file names when renaming them. It's a user-defined parameter that affects the file renaming process.
      1. The user will be prompted to add a prefix that they would like on the front of each file.
      2. **Formula : N/A (User input)**
3. x (counter):
   1. x is a counter variable used in your code to keep track of the files in the folder. It is used in a loop to iterate through the files and determine their new names during the renaming process. This counter represents the progress of the renaming operation.
      1. This will automatically be set by python but then changed depending on the iteration cycle of the for loop.
      2. **Formula : N/A**
4. filePaths (file paths):
   1. filePaths is a list that stores the paths of the files in the selected folder. These file paths are process variables as they represent specific files within the process of renaming.
      1. This variable will automatically join the file path directory and combine it with the new file name to give you your files but with the new names.
      2. **Formula : os.path.join(fP, filename)**
5. files (file names):
   1. files is a list that contains the names of the files in the selected folder. These file names are process variables that are previewed and potentially renamed in your application.
      1. The files variable will automatically store each file into a list to then be called from later.
      2. **Formula : os.listdir(fP)**