Excel code and anything that uses spreadsheets

The given code is a JavaScript code that uses the xlsx library to convert an Excel file to JSON format. It also includes additional functions for generating a JSON file from data and processing the parsed data to render shop templates.

Here's a breakdown of the code:

1. The code begins with a comment containing an ASCII art representation of the text "Excel to JSON" for decorative purposes.
2. The xlsx library is imported using the require statement.
3. The main function convertExcelFileToJsonUsingXlsx is defined. It takes two arguments: filepath (the path of the Excel file to be converted) and sendTo (the destination to save the JSON file).
4. Inside the convertExcelFileToJsonUsingXlsx function:
   * The Excel file is read using xlsx.readFileSync and stored in the file variable.
   * The sheet names from the file are retrieved using file.SheetNames.
   * An empty array parsedData is created to store the parsed data.
   * A loop iterates through each sheet:
     + The sheet is converted to JSON using xlsx.utils.sheet\_to\_json.
     + The resulting JSON data is added to the parsedData array.
   * The parsedData array is passed to the generateJSONFile function along with the sendTo destination to generate and save the JSON file.
   * The shopTemps function is called, passing the parsedData for further processing.
5. The generateJSONFile function is defined. It takes two arguments: data (the data to be converted to JSON) and sendTo (the destination to save the JSON file).
   * The function attempts to write the data as JSON to the specified destination using fs.writeFileSync.
6. The shopTemps function is defined without any arguments.
   * It reads the JSON file containing the parsed data using fs.readFileSync and stores it in the rawData variable.
   * The JSON data is parsed using JSON.parse and stored in the words variable.
   * The function iterates over each item in the parsed data:
     + The current page data is stored in the pageData variable.
     + An endpoint is set up for each page data item using app.get.
     + The res.render function is called to render a shop template named 'shopTemplate.ejs' and pass the pageData values as template variables.
7. The code defines a route for the '/career' endpoint using app.get.
   * It reads the JSON file containing the parsed data and stores it in the words variable.
   * Three empty arrays (headerList, endpointList, tagList) are created.
   * A loop iterates over each item in the parsed data:
     + The "Page Header", "Endpoint", and "Header Tag" values are extracted and added to their respective arrays.
   * Finally, the 'career\_programs.ejs' template is rendered, passing the arrays as template variables.

Note: The code assumes the presence of the 'fs' and 'app' modules, which are not included in the provided code snippet. These modules are commonly used in Node.js for file system operations and routing in web applications, respectively. Make sure these modules are imported or required before running the code.