**Load Libraries**: Loads necessary R packages for UI, server logic, plotting, and data handling.

1. **UI Setup**:
   * Defines a sidebar layout with input controls for simulation parameters, experiments, and data downloads.
   * Creates tabs for different output views (World data, Plots, Log/Ratio Scale, Tables).
2. **Server Setup**:
   * **Data Import & Selection**: Imports Excel data for savings rate and dynamically updates UI selections based on chosen regions/countries.
3. **Experiment iteractive table**
   * **Experiments Management**: Allows users to define experiments and manage them via a reactive table with delete functionality.
4. **Solow-Romer Model Simulation**:
   * Defines a function (simulate\_solow) to compute economic variables over time with/without experiments.
   * Updates simulation parameters dynamically based on user input.
5. **Reactive Event Handling**:
   * Executes simulation upon user request, generating separate outputs for cases with and without experiments.
   * Displays results in tabular format.
6. **Plot Generation**:
   * Uses ggplot2 to visualize key economic variables over time.
   * Provides an option to compare cases with and without experiments.
7. **Download Functionality**:
   * Allows users to download simulation results as CSV.
   * Saves plots as PNG files and packages them in a ZIP archive for download.
8. **Shiny App Execution**:
   * Runs the Shiny app with the defined UI and server logic.