**Create a Program to Upload Files and Handle Various Web Elements.**

**Writeup: -**

* Start by creating a new Java project in Eclipse to organize and manage your code effectively.
* Utilize Selenium's Locators (such as XPath, CSS selectors) to identify and interact with web elements on the travel booking website.
* Implement the Page Object Design Pattern by creating a class that represents a webpage. This class will store the locators and methods to interact with the elements on that page.
* Open the SciTE editor, write a script to select the file from the desktop, save it in .au3 format, and compile it. This script will be called from the Java code to handle file uploads.
* Create a Java class that calls the compiled AutoIT script to upload files. This class will interact with the webpage using Selenium to locate the file input element and trigger the file upload process.
* Develop a class to handle general web elements on the travel booking website. This class should have methods to input data, click buttons, and interact with various elements.
* Create a class to handle external elements, such as browser pop-ups or alerts, using Selenium.
* Set up a table in a SQL database to store product-related data, such as travel details, prices, etc.
* Implement a JDBC connection class to connect to the SQL database and perform CRUD operations on the product data.
* Develop a class to capture screenshots during various stages of the automation process. This class will enhance debugging and reporting capabilities.
* Execute the entire project, ensuring that all components work seamlessly together. Verify file uploads, database interactions, and other functionalities.