

COSC2100

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ICE 8 Report

Here is a screenshot of my running Windows Forms App as soon as it launches:

The screenshot shows a Windows Forms application window titled "Jason's Victim List". The window has a standard Windows title bar with a minimize button, a maximize button, and a close button. The main content area of the window is a table with two columns: "Job Done" and "Victim's Name". The table is currently empty. Below the table, there are two buttons: "Clear Completed Jobs" and "Add New Victim".

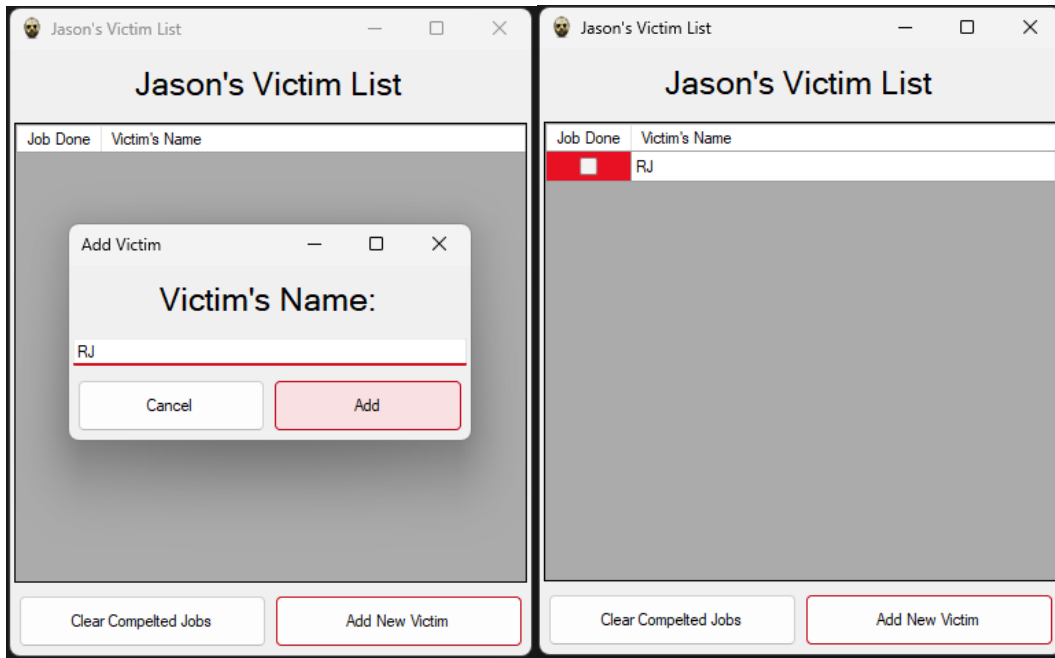
Job Done	Victim's Name
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Clear Completed Jobs Add New Victim

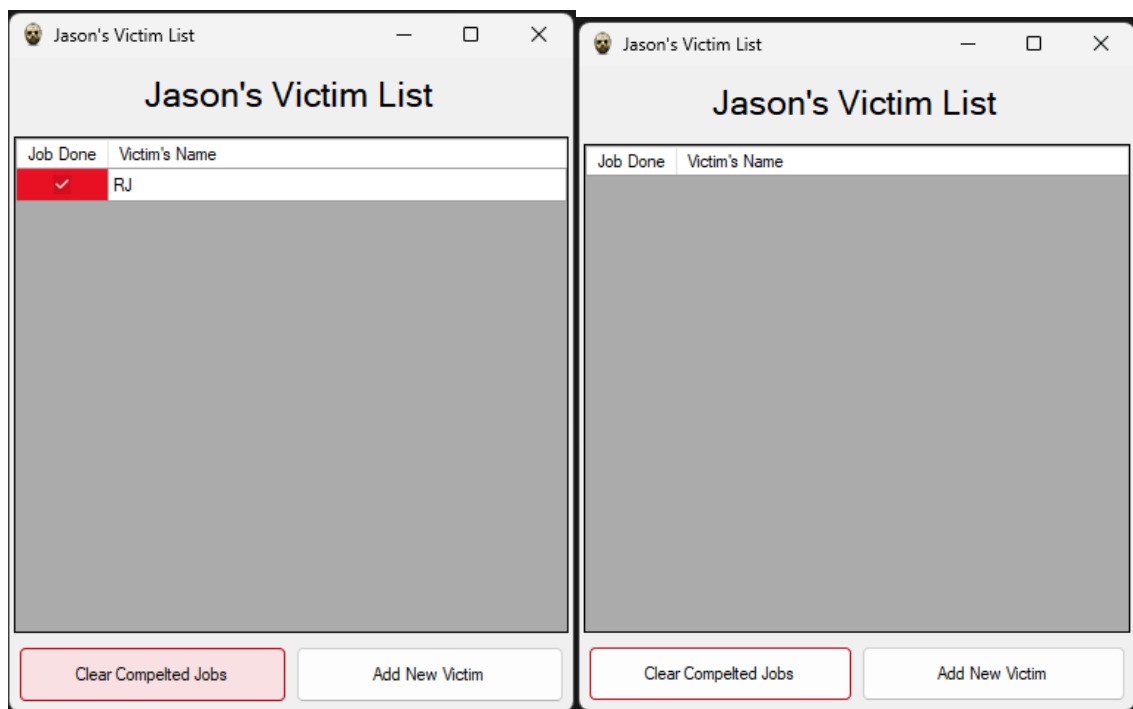
Clicking Add New Victim:

The screenshot shows a web application window titled "Jason's Victim List". Inside the window, there is a header bar with two tabs: "Job Done" and "Victim's Name". Below the header, there is a large gray rectangular area. Overlaid on this area is a smaller dialog box titled "Add Victim". The dialog box contains the text "Victim's Name:" followed by a text input field. Below the input field are two buttons: "Cancel" and "Add". At the bottom of the main application window, there are two buttons: "Clear Completed Jobs" and "Add New Victim". The "Add New Victim" button is highlighted with a red border.

Adding the victim:



Removing the victim:



Question 1: What is a **JSON** file?

Answer: A file containing objects (classes) that have been serialized and can be written to or read from.

Question 2: What do **JSON** files have in common with Dictionaries?

Answer: JSON formats objects as a set of key-value pairs, the keys being object properties, and values being instance values. This resembles how dictionaries are key-value pairs.

Question 3: What was the purpose of JSON in this ICE?

Answer: To save the victims list by reading from/writing to disk so that the data is persistent across instances of the program/application running.