



1 Memory Treeview

Displays memory addresses and their contents. It will be updated as the program runs and changes occur in the memory.

2 Status

Shows the current state of the accumulator and program counter as the program runs.

3 Import File

Triggers a file dialog where users can select and load a program file.

4 Run Program

Initiated the execution of the loaded program. The program will run according to the instructions loaded into the VM's memory.

5 Console

Used for displaying output during program execution and accepts user input when required.

6 Enter

Submits the input entered in the text box, allowing the program to proceed with execution.