BVRIT HYDERABAD

College of Engineering for Women

DEPARTMENT:CSE-A

CODE GENERATION

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CODE GENERATION

- Your job is to develop a backend for a translator working with the SIC (Simplified Instructional Computer) – a simple machine. The translator takes postfix arithmetic expressions and generates SIC assembly code. The SIC machine features a single register and supports load, add, subtract, multiply, divide, negate, and store instructions.
- Following are the instructions
- L load the operand into the register
- A add the to the contents of the register
- S subtract the operand from the contents of the register
- M multiply the contents of the register by the operand
- D divide the contents of the register by the operand
- N negate the contents of the register
- ST store the contents of the register in the operand location

MODULES AND PACKAGES USED

MODULE/PACKAGE	PURPOSE
tkinter	Creates the required GUI for the game
tkinter.messagebox	To Display message boxes in the GUI
tkvideo	Python module to play videos
winsound	For playing WAV files

USES OF THE PACKAGES/MODULES

tkinter : It is used to create windows, labels, buttons, and other GUI elements required to present the code generator to the operator

tkvideo : It is used to play videos. It can be used to play WAV formatted files

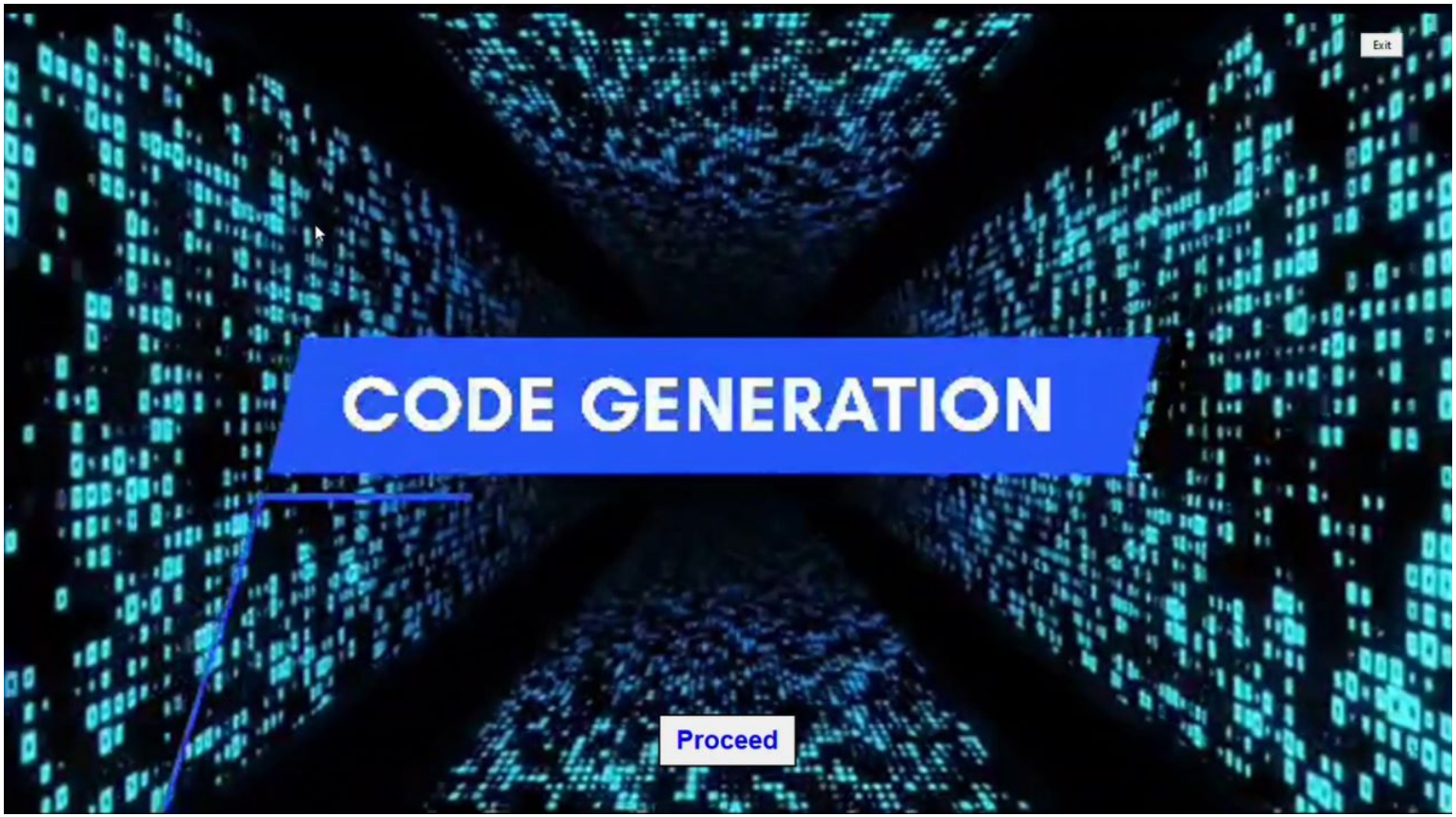
winsound : Python that provides access to the basic sound-playing machinery provided by Windows platforms

tkinter.messagebox : It is used to show messages when the user clears a combination or if he selects a wrong combination

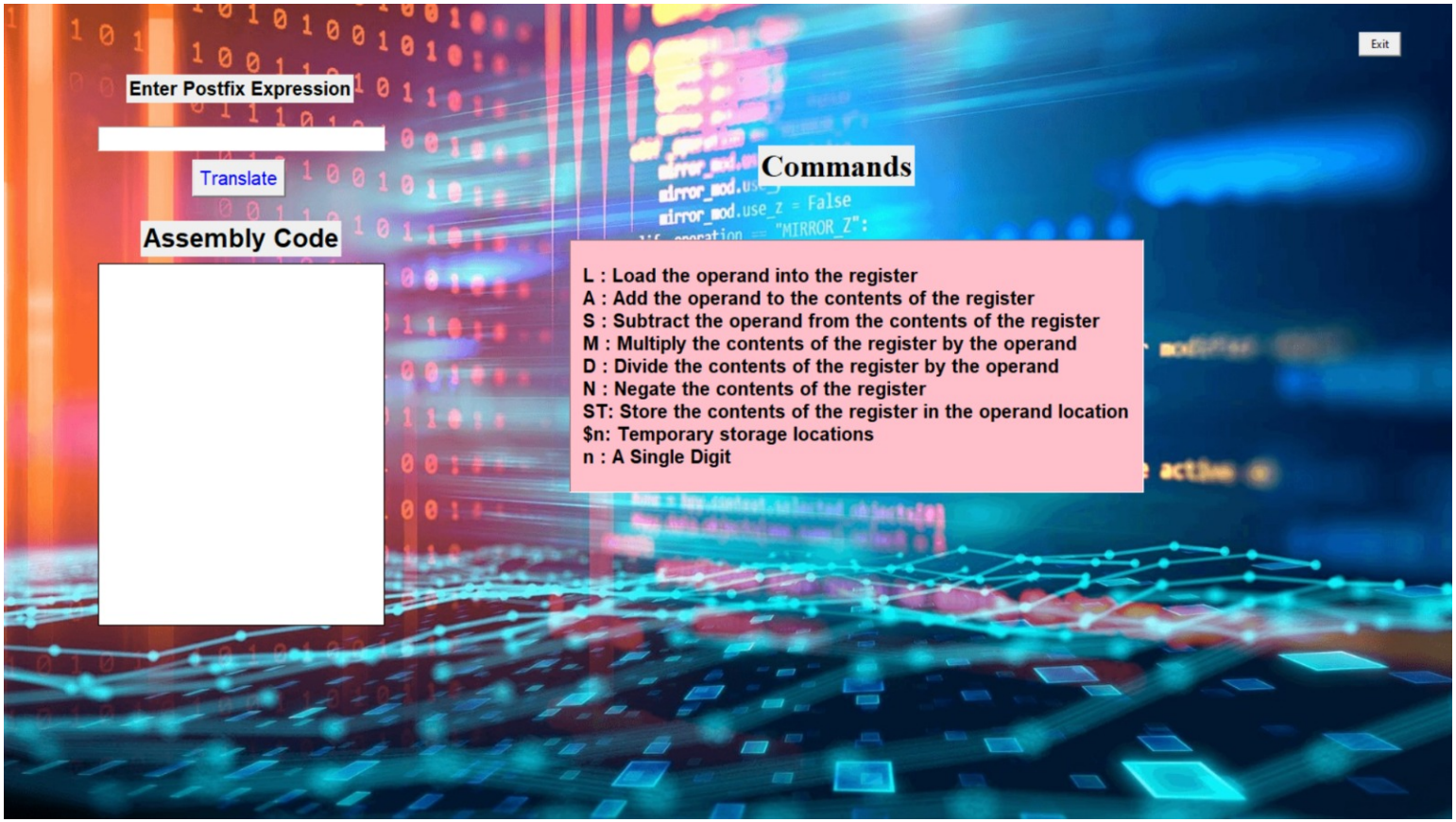
CONTRIBUTION

WORK	CONTRIBUTED BY
Basic Code	510,507
GUI	506,508,509
GUI Upgradation	507,510,506,509,508
PPT preparation	506,508,509

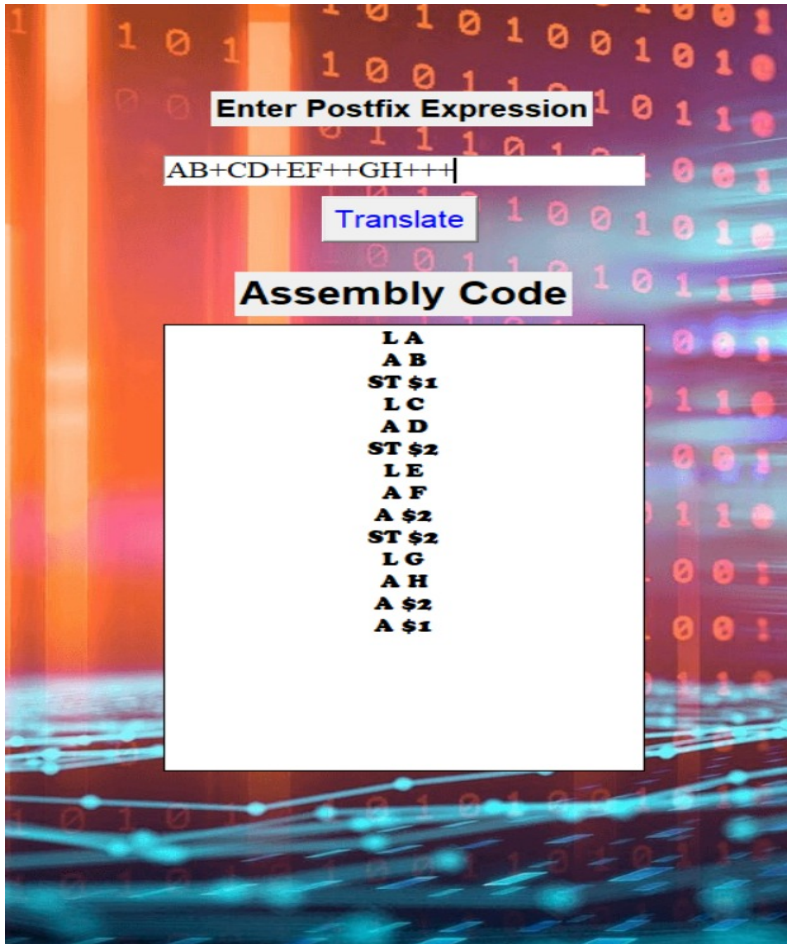
EXECUTION OF CODE



EXECUTION OF CODE



EXECUTION OF CODE



THANK YOU

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