

AGENDA

PROBLEM STATEMENT:

- ▶ A war was declared between the Spartan and the Egyptian allies.
- ▶ The spartan king ordered soldiers to form two right angled triangle shaped groups of soldiers to counter attack the Bow shaped enemy soldiers approaching them.
- ▶ The task is to help the king to form the right angled triangle when he knows how many rows with which the triangle is to be formed.

Modules and Packages used	
Name	Description
tkinter Package	Used for creating graphical user interfaces. It provides various modules, classes, and functions to build windows, buttons, labels, and more.
pygame Package	It's a third-party library used for creating games and multi-media applications. Here it is used for playing background music.

Modules and Packages used	
Name	Description
emoji Package	A third-party package that enables working with emojis in Python strings. It helps in displaying emojis in your text.
tkinter.messagebox Module	messagebox is a submodule of tkinter that contains functions for displaying different types of message boxes, such as information, warning, error, and question dialogs.
tkinter.font Module	provides functions for working with fonts and text styling in Tkinter GUI applications.

Packages and Modules used in our code

- ▶ tk.Tk: The main class to create the main window of the application.
- ▶ tk.Label: The class to create labels to display text or images.
- ▶ tk.Button: The class to create buttons with associated callbacks.
- ▶ tk.PhotoImage: The class to handle images in the Tkinter environment.
- ▶ pygame.mixer module: This is used for audio-related functionalities.
- ▶ pygame.mixer.init(): Initialize the Pygame mixer for audio.
- ▶ pygame.mixer.music.load(): Loads the music file for playback.
- ▶ pygame.mixer.music.play(): Play the loaded music.

