

Project 18: Turtle Graphics Dot Painting

Description

This project creates a colorful dot painting using Python's Turtle graphics library. The Turtle moves across the screen, drawing dots in a variety of colors from a predefined list. The dots are arranged in a grid-like pattern, producing a vibrant and artistic visual effect. The project demonstrates basic Turtle graphics techniques and random color selection.

Key Technologies

- **Python:** Used for creating the Turtle graphics and implementing the dot painting logic.
- **Turtle Module:** Utilized for drawing on the screen and controlling the Turtle's movements and appearance.
- **Random Module:** Applied to randomly select colors from a predefined list for each dot.
- **Concepts Covered:** Turtle graphics, random color selection, and grid-based drawing.
- **Unique Features:** Creates a visually appealing pattern with a grid layout and random color distribution.