

WASTE SORTING GAME

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Waste Sorting Game

- The Waste Sorting Game is a fun and educational game where players must correctly place falling waste items into the correct dustbins. This game teaches the importance of waste management and how to be environmentally responsible.
- In the game, various waste materials, like paper, plastic, food, and other items, will appear from the sky. The player's objective is to identify these items and sort them into the appropriate dustbins.
- It is implemented using pygame from scratch.
- To make the game more challenging and realistic, the dustbins change colors every 10 seconds. The color-changing order is as follows:
 - Green: This represents the dustbin for wet waste material
 - Blue: This represents the dustbin for dry waste materials
 - Red: This represents the dustbin for hazardous waste materials.



ANIMATIONS FOR WASTES AND DUSTBINS

WET SECTION



Fruits



Banana peel



Waste Bread



Wet Waste Dustbin

DRY SECTION



PENCIL



Plastic Bottles



Waste Papers



Dry Waste Dustbin

HAZARDOUS SECTION



Battery



Firecrackers



Used syringe

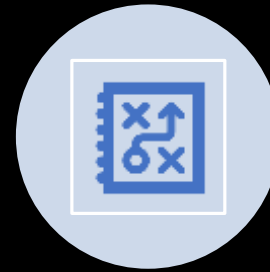


Hazardous Waste
Dustbin

RULES



Players earn 10 points for correctly sorting waste items into the corresponding dustbin and lose 5 points for incorrectly sorting waste items.



We are keeping track of highest score .It will be shown to the player always on the screen along with his current score.



The game will run for 90 seconds if he doesn't get out. Players start with 5 lives. Each incorrect sorting deducts 1 life.



The color of the dustbins changes every 10 seconds, adding a dynamic challenge to the game.

INTERFACES



START INTERFACE



END INTERFACE

INTERFACES



WHILE PLAYING