

Race Game at IIT

COP290 Presentation

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Description

This 2-player game is a race between 2 contestants competing against each other in the IIT campus. They have to go from start to end which is marked by a winning line, eating “all” their corresponding eatables on the way. The red player can only eat red eatables and yellow player can eat only yellow eatables.

How to win?

This player who reaches the end i.e. crosses the winning line after eating all the eatables on the way first wins the game.

Controls

Player 1 uses the arrow keys to move in up, down, left and right directions. Player 2 uses A, W, S and D keys to move in left, up, down and right directions respectively.

Features

The game screen displays a maze which resembles the map of IIT campus as closely as possible with the relevant locations used for the game. The game also comes with different features like random eatable distribution on the maze to be collected by the players to be able to win the game. When a player consumes an eatable, the eatable disappears from the screen and two players when walking on the same lane can even collide against each other which gives it a real feel that they are in the campus competing against each other.

References

1. <https://youtu.be/2hNdkYInj4g>
2. https://youtube.com/playlist?list=PLhfAbcv9cehhkG7ZQK0nflGJC_C-wSLrx
3. <https://lazyfoo.net/tutorials/SDL/index.php>
4. <https://github.com/Ramneet-Singh/Pacman-Multiplayer>