

Indian Institute Of Technology, Delhi

Department of Computer Science and Engineering

COP290: Design Practices

Prof. Rijurekha Sen

Assignment 2

Pranay Gupta- 2019CS10383

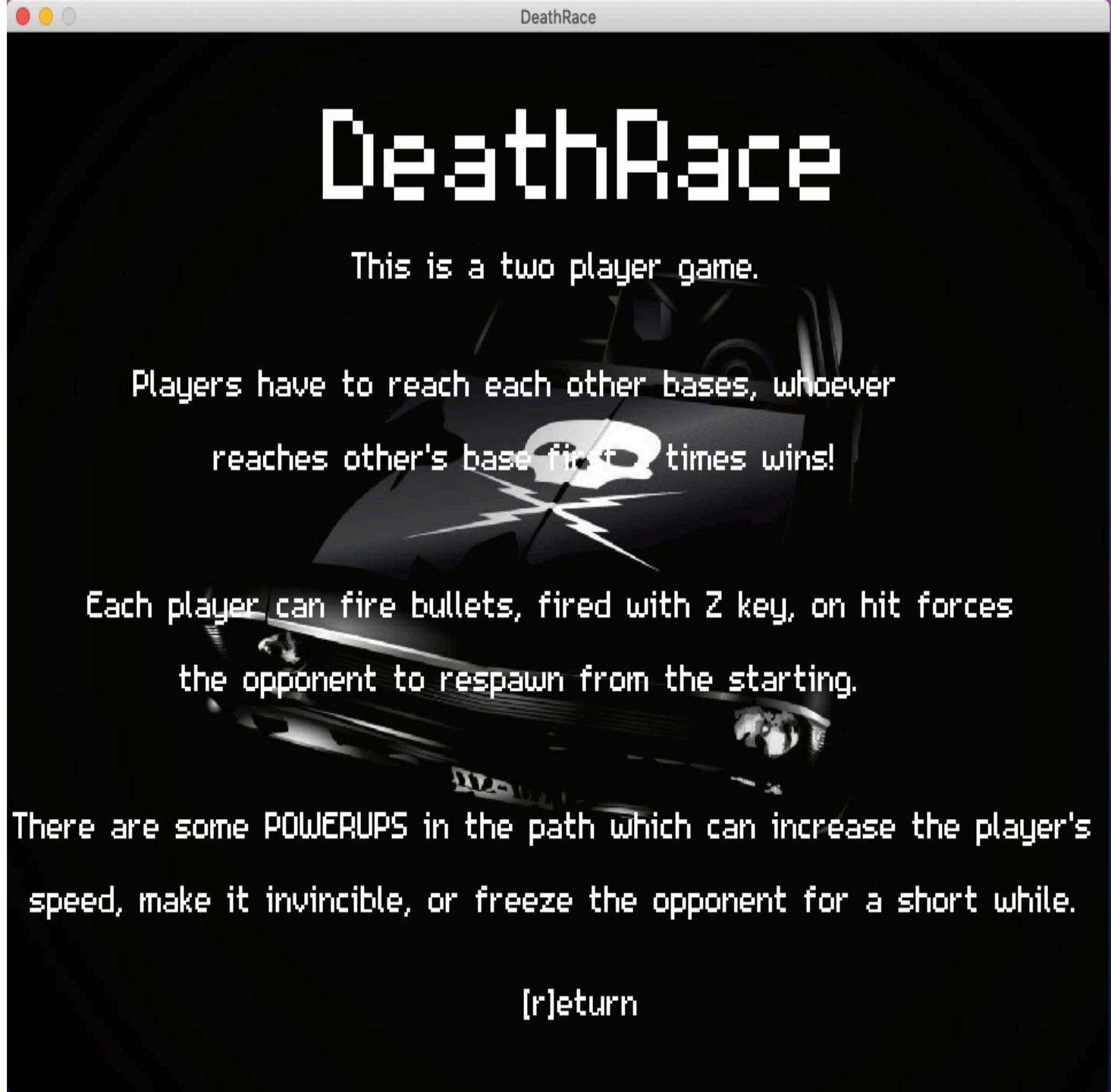
Tushar Singla- 2019CS10410



- We have created a two player game called “DeathRace”. In this, one player acts as a server that hosts the game and the other player joins the game using an IP address.
- The players have to press “S” to become the host and “C” to join a game.
- The players can press “H” to learn the rules of the game.

The rules are as follows-

- The goal of the game is to reach the other player's base first. Whoever achieves this 3 times wins the game.
- Each player can fire bullets at the enemy which will force them to respawn from the starting.
- Each player can pick up some power ups along the way



POWERUPS



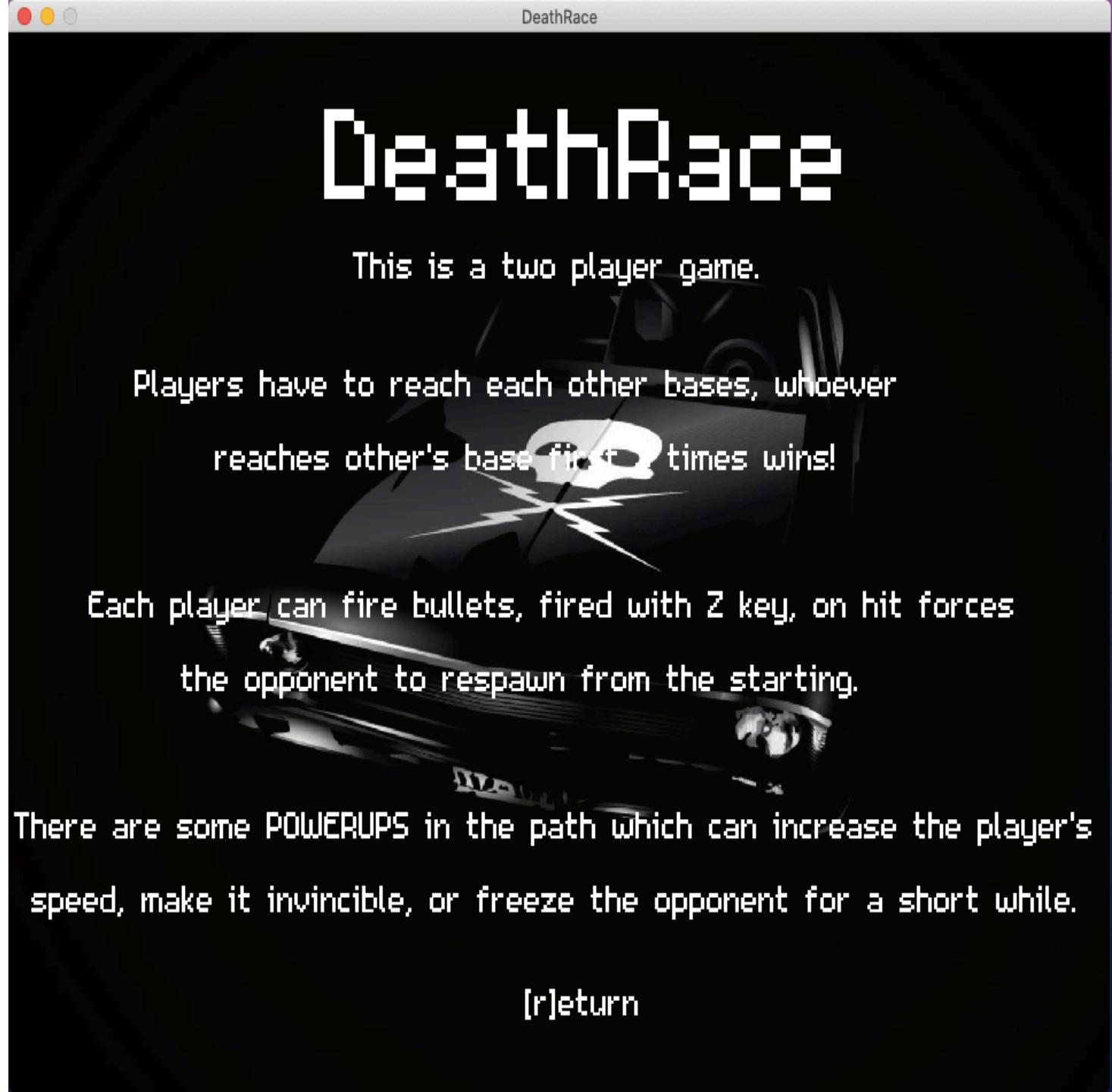
- Doubles the speed of the player for a short duration.



- Halves the speed of the other player for a short duration.



- Makes the player invincible from the enemy's bullets for a short duration.



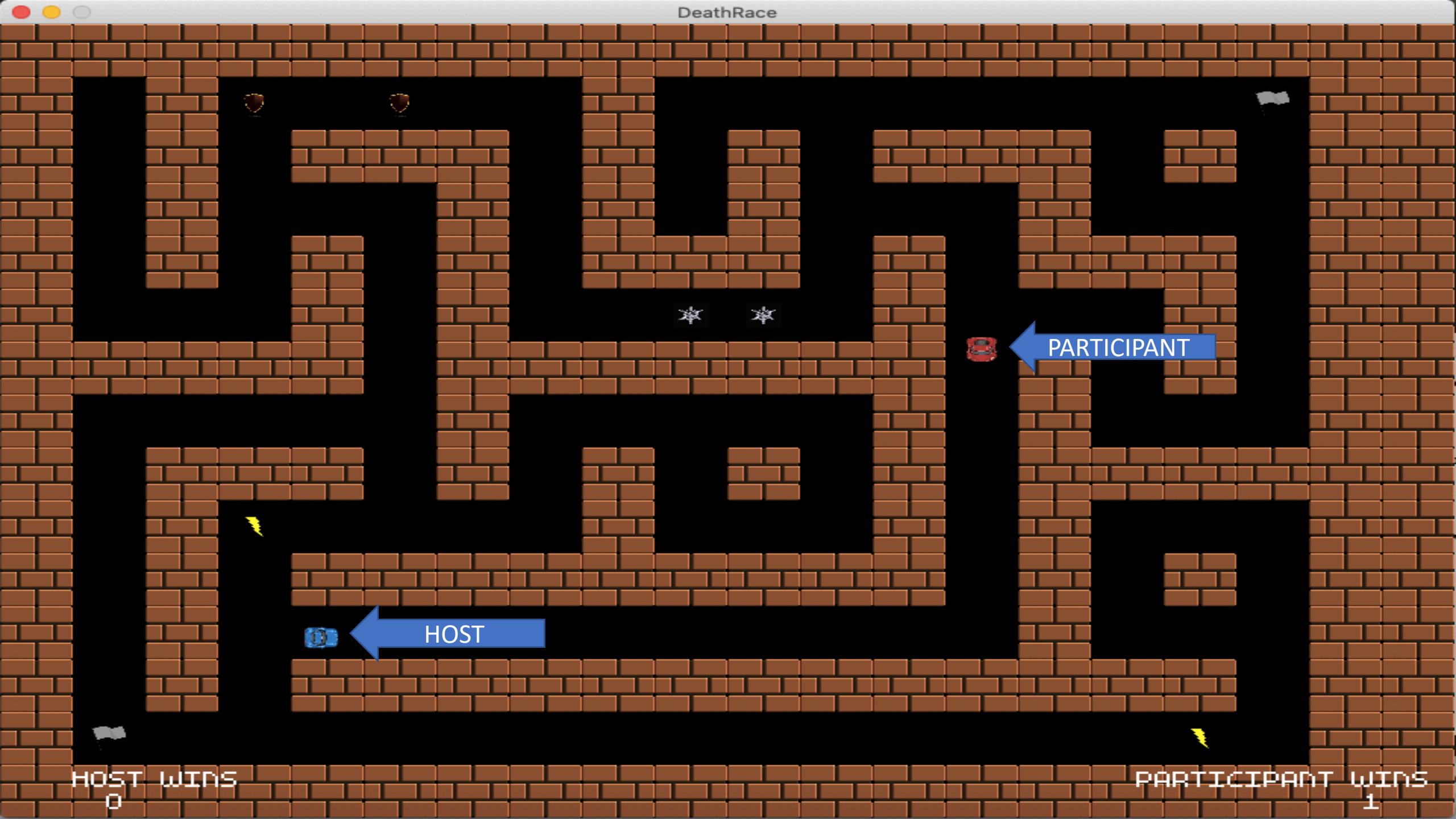


- The host can decide whether to play on a fixed mode called “DoomTrack” or the host can choose to play on a random mode which will generate a random maze each time.
- Press “D” to select “DoomTrack”
- Press “N” to select a Random Mode

GAMEPLAY

- The players can move right, left, up and down in the maze with the help of arrow keys.
- Bullets  can be fired by pressing “Z”.
- The win count of each player is shown on the bottom of the screen.
- Host is represented by a Blue Car. 
- Participant is represented by a Red Car. 
- The bases are represented by Gray Flags.

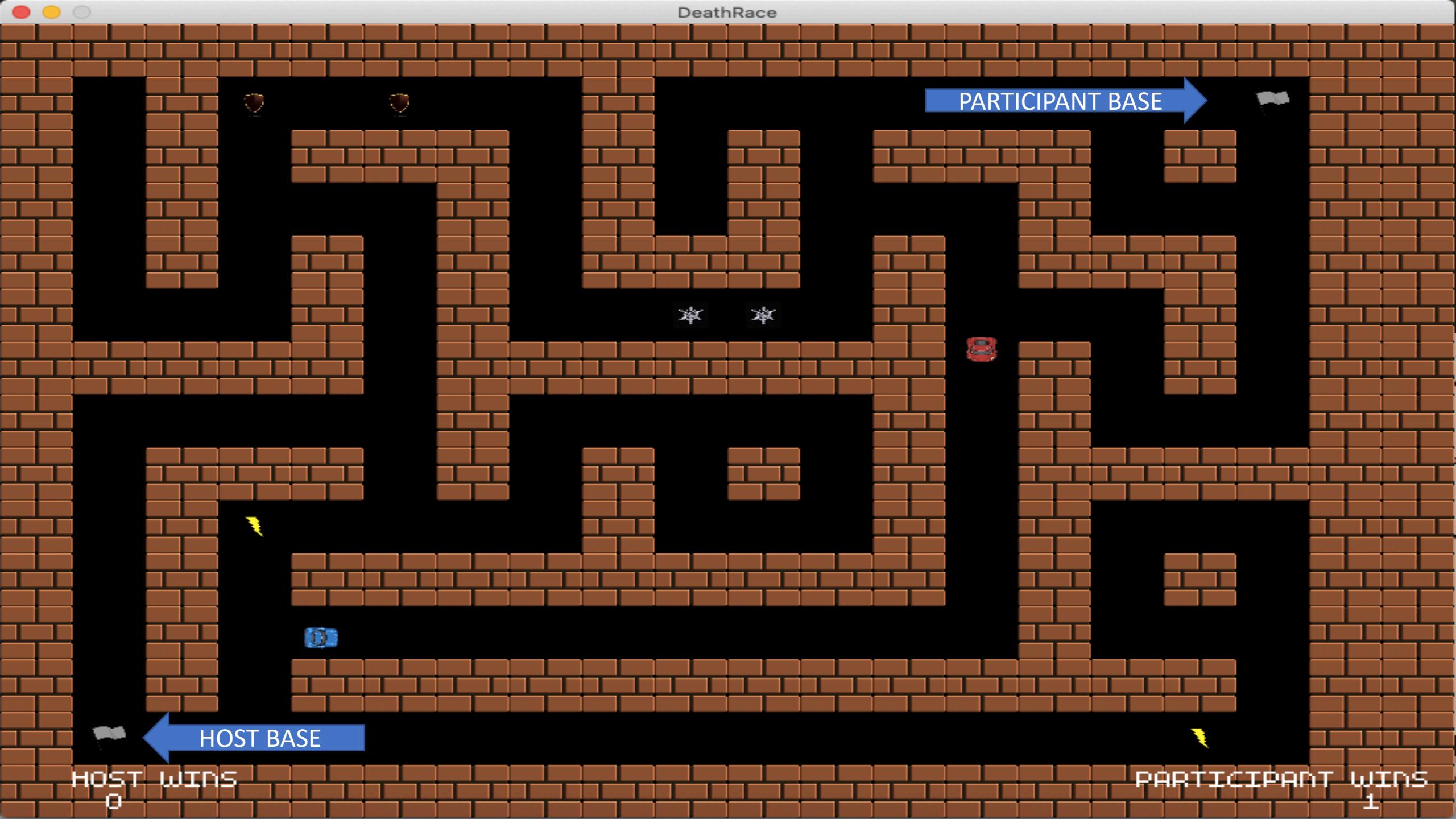
DeathRace



HOST WINS
0

PARTICIPANT WINS
1

DeathRace



DeathRace

 0 0

BULLET



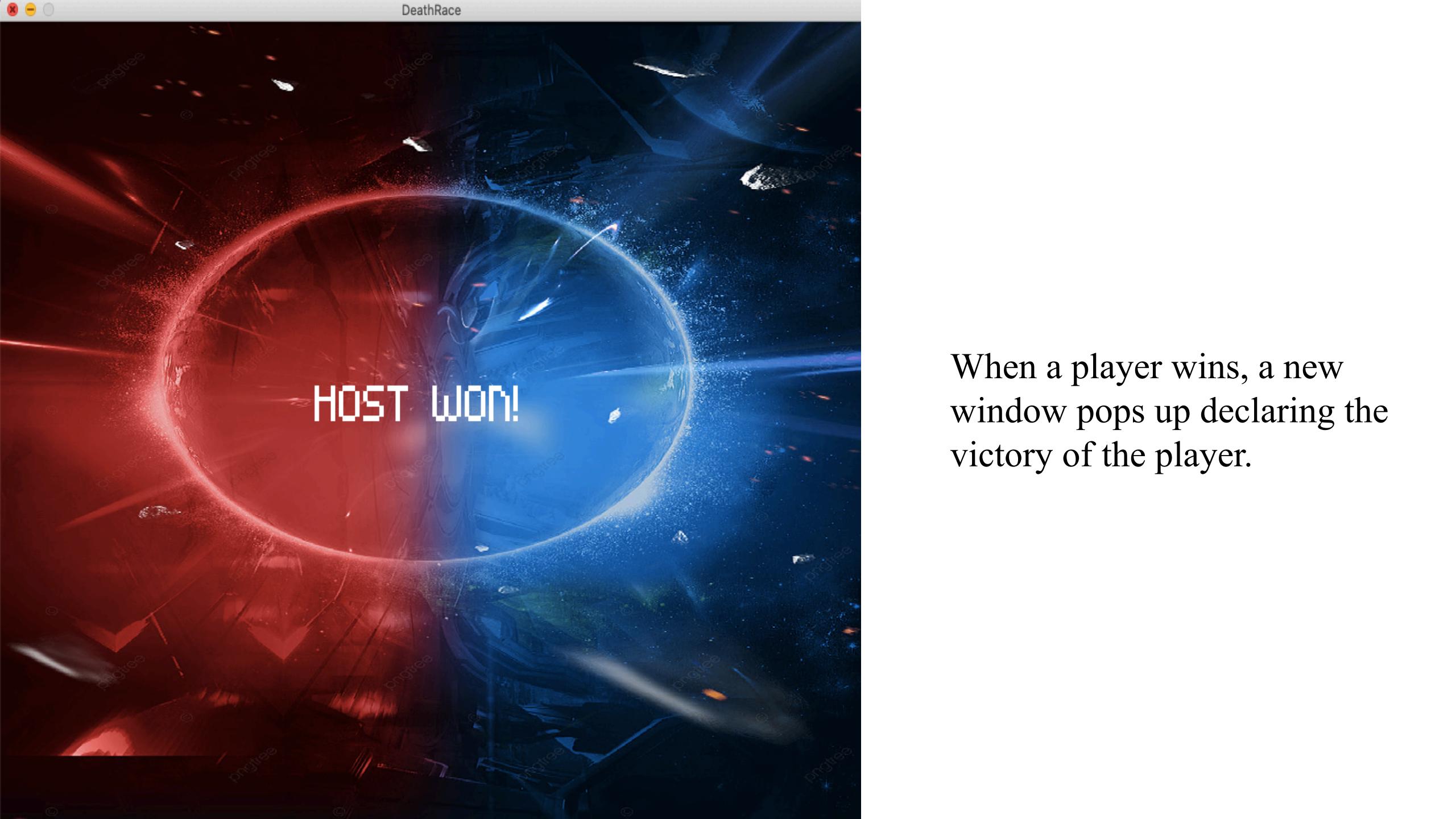
HOST WINS
0

PLAYER WIN COUNT

PARTICIPANT WINS
0

FEATURES

- The game has a thrilling background music.
- Whenever a player presses a movement a strong reverberating car sound is emitted.
- The game also has a distinct victory sound for the last window.



When a player wins, a new window pops up declaring the victory of the player.