**DX BALL RELOADED**

**-by Lab Batch 521.**

DX ball game is a well-known brick breaking game. ‘Dx Ball Reloaded’ is our attempt to make a different version of the game based on the original idea. Well the game is about a ball which is bouncing around and breaking bricks. You bounce it back up to break more and if you let the ball pass your paddle, then you lose. There are 5 levels with increasing level of difficulty and you can advance to the next level by breaking all the bricks or choose to start with any level you wish.

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KEY CONTROLS

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The paddle is controlled by the player using the keyboard.

ENTER = To shoot the ball.

a/A = To move the paddle left.

d/D = To move the paddle right

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**FEATURES**

Gameplay:

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Its a single player game.

Levels

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Various levels (5) have been designed. The difficulty of the game increases with each level because of the positioning of the bricks and due to the changes in the ball speed and the paddle speed.

Paddle Control:

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The user must move his own paddle to catch the ball from falling past it since he loses in that case. The DX Ball Game command line user interface is used for input. As this a “raw window”, a carriage return is not required after every input so play away! On pressing the LEFT ('a/A') key, the user's paddle begins to move left till it reaches the left-most bound of the arena. Similarly, the paddle moves right on pressing the RIGHT ('l/L') key.

Ball Motion:

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The ball moves through the arena, bouncing off the boundary of the arena according to the laws of reflection. On colliding with a paddle, the ball's velocity is accordingly changed.

End of Game:

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The game ends when the ball falls pass your paddle. The user can quit the game at any time by pressing ‘control c’.

Score:

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Scoring differs at each level. For breaking each brick, the user is awarded 10 points- LEVEL 1

15 points- LEVEL 2

20 points- LEVEL 3

30 points- LEVEL 4

50 points- LEVEL 5

The score is updated simultaneously with each breaking brick and is displayed on the same window as the game progresses.