

COAL Project – Brick Game

Important Note: Students will implement the project in a group of two.

Game Reference: video attached in post

Game Description: Bricks of different shapes will fall from the top and once it touched the base if line is complete score will be added. Game end scenario: bricks touching roof or 5 mins completed.

Game Rules and Requirements

1. Main Screen complete display
2. Score: one line completion = 10 score
3. Timer: 5 mins
4. Upcoming shape display
5. shape movement from top to bottom
6. Bricks stacking at bottom
7. Use keyboard left and right key for shape movement
8. On each line pop 10 score will be added in total score
9. Speed of shape float will not be too slow or too fast
10. At the end of game score will be displayed with good graphics (End Screen)

Phase I - Display

Deadline: Sunday 29 October, 2023

You are required to display end screen, main screen with upcoming shape, time and live score in first phase.

Phase II – Complete Game

Deadline: Sunday 26th November, 2023

You are required to Complete the game with all requirements in 2nd phase.