7 // Page

11

12 13 14 16 17 18

19

1 // Btn

main.js

main js

// Assets

21

22 23 24 25 28

29

totalSmallObject = Math.floor(4 / 5 * playerData.object); totalBigObject = playerData.object - totalSmallObject; document.addEventListener('keydown', (e) => { | document.addEventListener('keyup', (e) => { closeBtn.addEventListener('click', () => { pauseBtn.addEventListener('click', () => { if (e.key === 'p') pauseProp = false; if (e.key === 'p') pauseProp = true; homePage.classList.add('inactive'); alert('Time must be required') gamePage.classList.add('active'); object: Number(currentObject) globalGameTime = playerData.time; currentObject = inputObject time: Number(inputTime), window.location.reload(); currentObject = 20; 105 | function gamePauseKey() { name: inputName, 99 }); 103 }); 97 102 96 86

alert('Name must be required');

if (!inputName) {

const inputObject = document.getElementById('inputObject').value;

let currentObject = 0;

const inputTime = document.getElementById('inputTime').value; const inputName = document.getElementById('inputName').value;

// input

// Play Game

42

43 44 45 46 47 48 49

40

// Canvas

38 39 1/8

2/8

```
4/8
```

```
notifScore.textContent = `Score: ${globalGameScore}
                                     navTime.textContent = `Time: ${globalGameTime}`;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           if (e.key === 'ArrowRight') keys.ArrowRight = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 === 'ArrowRight') keys.ArrowRight = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if (e.key === 'ArrowLeft') keys.ArrowLeft = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      if (e.key === 'ArrowDown') keys.ArrowDown = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         if (e.key === 'ArrowLeft') keys.ArrowLeft = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if (e.key === 'ArrowDown') keys.ArrowDown = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                if (e.key === 'ArrowUp') keys.ArrowUp = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if (e.key === 'ArrowUp') keys.ArrowUp = true;
                                                                                                                                                                              notifHead.textContent = 'Time Out';
                                                                                                                                                          notifPage.classList.add('active');
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       document.addEventListener('keydown', (e) => {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               document.addEventListener('keyup', (e) => {
if (globalGamePause === false) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if (e.key === 's') keys.s = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  if (e.key === 'w') keys.w = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'a') keys.a = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            if (e.key === 'd') keys.d = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if (e.key === 'w') keys.w = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if (e.key === 'a') keys.a = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                if (e.key === 's') keys.s = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  if (e.key === 'd') keys.d = true;
                                                                                                if (globalGameTime === 0) {
                                                                                                                 globalGamePause = true;
                                                                                                                                        clearInterval(timer);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ocalhost:63013/3e345b07-d4a7-4fff-8b43-9139c7653120/
                   globalGameTime--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          213 | // Player update position
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        updatePlayerAngle();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  updatePlayerAngle();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ArrowRight: false
                                                                                                                                                                                                                                                                                                                                                                                                                                        ArrowLeft: false,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ArrowDown: false,
                                                                                                                                                                                                                                                                                                                                                                                                                   ArrowUp: false,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     if (e.key ===
                                                                                                                                                                                                                                                                                                                     const keys = {
                                                                                                                                                                                                                                      }, 1000);
                                                                                                                                                                                                                                                                                                                                                        a: false,
                                                                                                                                                                                                                                                                                                                                                                           s: false,
                                                                                                                                                                                                                                                                                                                                        w: false,
                                                                                                                                                                                                                                                                                              175 // player key
                                                                                                                                                                                                                                                                                                                                                                                                 d: false,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     navName.textContent = `Name: ${playerData.name}`;
                                                                                                                                                                                                                                                          notifPage.classList.remove('active');
                                                                                                                                                                                                                                                                                                                                                                                                 resetBtn.addEventListener('click', () => {
                                                                                                                                                                              notifHead.textContent = 'Game Pause';
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 notifPage.classList.remove('active');
                                                                                                                                                                                                                                                                                                 requestAnimationFrame(gameLoop);
                                                                                                                                                                                                                                      pauseBtn.textContent = 'Pause';
                                                                                                                 globalGamePause = !globalGamePause;
                                                                                                                                                          notifPage.classList.add('active');
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          globalGameTime = playerData.time;
                                                                                                                                      pauseBtn.textContent = 'Resume';
                                                                                                                                                                                                                    if (globalGamePause === false) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         enemyProp.y = canvas.height + 50,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    requestAnimationFrame(gameLoop);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        enemyProp.x = canvas.width + 50,
                                                                                                                                                                                                                                                                             notifHead.textContent = '';
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       notifScore.textContent = '';
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               globalSmallObjectProp = [];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      notifHead.textContent = '';
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            timer = setInterval(() => {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ocalhost:63013/3e345b07-d4a7-4fff-8b43-9139c7653120/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    globalBigObjectProp = [];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            globalGamePause = false;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        clearInterval(timer);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       globalGameScore = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   function navbarGame() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              function gameReset() {
                                                                                                function gamePause() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  playerProp.x = 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     playerProp.y = 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  updateScoreProp();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      157 | function gameTime() {
if (pauseProp) {
                   gamePause();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               navbarGame();
                                                                                                                                                                                                                                                                                                                                                                                                                    gameReset();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gameTime();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               // Navbar Game
                                                                                                                                                                                                                                                                                                                                                                             125 // Reset Game
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  156 let timer;
                                                                                                                                                                                                                                                                                                                                                                                                                                        };
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```

main js

5/21/25, 2:03 PM

main js

5/21/25, 2:03 PM

```
8/9
```

```
for (let index = 0; index < globalSmallObjectProp.length; index++) {</pre>
                                                                                                                                                                                          for (let index = 0; index < globalBigObjectProp.length; index++) {</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           for (let index = 0; index < totalSmallObject; index++) {</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           notifScore.textContent = `Score: ${globalGameScore}`
                                                                                                                                                                                                                                                                                                                                                                                                             const smallObject = globalSmallObjectProp[index];
                                                                                                                                                                  navScore.textContent = `Score: ${globalGameScore}`;
                                                                                                                                                                                                                                                                                                                                                                                                                                   (gameCollusion(playerProp, smallObject)) {
                                                                                                                                                                                                                 const bigObject = globalBigObjectProp[index];
                                                                                                                                                                                                                                         if (gameCollusion(playerProp, bigObject)) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   globalSmallObjectProp.splice(index, 1);
                                                                                                                                                                                                                                                                                       globalBigObjectProp.splice(index, 1);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if (gameCollusion(playerProp, enemyProp)) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     notifHead.textContent = 'Game Over';
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     function gameCheckPlayerEnemyCollusion() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           notifPage.classList.add('active');
                                                                                                                                          270 | function gameCheckPointCollusion() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   globalSmallObjectProp.push({
                                                                                                                                                                                                                                                                globalGameScore+=<mark>20</mark>;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           globalGameScore+=5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     globalGamePause = true;
a.x + a.size > b.x &&
                    a.y < b.y + b.size &&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       315 | function updateScoreProp() {
                                               a.y + a.size > b.y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           y: canvas.height + 50,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x: canvas.width + 50,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   angle: Math.PI / 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 const playerProp = {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           const enemyProp = {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   size: 60,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               speed: 4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      speed: 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     size: 50,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            angle: 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         x: 50,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if (keys.a && keys.w || keys.ArrowLeft && keys.ArrowUp) playerProp.angle = -(Math.PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if (keys.w && keys.d || keys.ArrowUp && keys.ArrowRight) playerProp.angle = Math.PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    if (keys.s && keys.a || keys.ArrowDown && keys.ArrowLeft) playerProp.angle = -(3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      if (keys.d && keys.s || keys.ArrowRight && keys.ArrowDown) playerProp.angle = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              if (keys.a || keys.ArrowLeft) playerProp.angle = -(Math.PI / 2);
                                                                                          if (keys.d || keys.ArrowRight) playerProp.x += playerProp.speed;
                                          if (keys.a || keys.ArrowLeft) playerProp.x -= playerProp.speed;
                                                                if (keys.s || keys.ArrowDown) playerProp.y += playerProp.speed;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            if (keys.d || keys.ArrowRight) playerProp.angle = Math.PI / 2;
                    if (keys.w || keys.ArrowUp) playerProp.y -= playerProp.speed;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      if (keys.s || keys.ArrowDown) playerProp.angle = Math.PI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     enemyProp.y += (dy / distance) * enemyProp.speed;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 enemyProp.x += (dx / distance) * enemyProp.speed;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               enemyProp.angle = Math.atan2(dy, dx) + Math.PI / 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         if (keys.w || keys.ArrowUp) playerProp.angle = 0;
                                                                                                                                                                                                                                                                                                                                     } else if (playerProp.y + playerProp.size < 0) {</pre>
                                                                                                                                                                                          } else if (playerProp.x + playerProp.size < 0)</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           const distance = Math.sqrt(dx * dx + dy * dy);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             const dx = playerProp.x - enemyProp.x;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     const dy = playerProp.y - enemyProp.y;
                                                                                                                                                                   playerProp.x = -playerProp.size
                                                                                                                                                                                                                                                                                       if (playerProp.y > canvas.height) {
                                                                                                                                                                                                                                                                                                               playerProp.y = -playerProp.size
                                                                                                                                          if (playerProp.x > canvas.width) {
                                                                                                                                                                                                                                                                                                                                                             playerProp.y = canvas.height
                                                                                                                                                                                                                 playerProp.x = canvas.width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   function updatePlayerAngle() {
214 | function updatePlayerMove() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           a.x < b.x + b.size &&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             261 | function gameCollusion(a, b)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     function updateEnemyMove() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         if (distance > 1) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               // updateEnemyMove
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Math.PI / 4):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     // Collusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    return
                                                                                                                                                                                                                                                                                                                                                                                                                                                           // angle
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```

main js

5/21/25, 2:03 PM

main.js

5/21/25, 2:03 PM

2/8

```
ctx.drawImage(bigObjectImg, bigObject.x, bigObject.y, bigObject.size,
                                                                                                                                                                                                                                                                                                                                                                     notifScore.textContent = `Score: ${globalGameScore}`
 main.js
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ctx.clearRect(0, 0, canvas.width, canvas.height);
                                                                                                                                                                                                                              const total = countBigObject + countSmallObject;
                                                                                                                                                                                                       const countSmallObject = totalSmallObject * 5;
                                                                                                                                                                                  const countBigObject = totalBigObject * 20;
                                                                                                                                                                                                                                                                                                                        notifPage.classList.add('active');
                                                                                                                                                                                                                                                                                                                                               notifHead.textContent = 'Victory';
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         requestAnimationFrame(gameLoop);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  if (globalGamePause === false) {
                                                                                                                                                                                                                                                                           if (globalGameScore === total) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gameCheckPlayerEnemyCollusion();
                                                                                                                                                                                                                                                                                                 globalGamePause = true;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gameCheckPointCollusion();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     drawSmallObject();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      function gameLoop() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         drawBackground();
                                                                                                                                                        373 | function gameWin() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                drawBigObject();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gamePauseKey()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              drawPlayer();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        // Collusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 drawEnemy();
                                            bigObject.size)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gameWin();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               // status
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                // Image
                                                                                                                                    372 // game win
                                                                                                                                                                                                                                                                                                                                                                                                                                                               386 // GameLoop
5/21/25, 2:03 PM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ctx.translate(playerProp.x + playerProp.size / 2, playerProp.y + playerProp.size / 2);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ctx.drawImage(playerImg, -playerProp.size / 2, -playerProp.size / 2, playerProp.size,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ctx.translate(enemyProp.x + enemyProp.size / 2, enemyProp.y + enemyProp.size / 2);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ctx.drawImage(enemyImg, -enemyProp.size / 2, -enemyProp.size / 2, enemyProp.size
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ctx.drawImage(smallObjectImg, smallObject.x, smallObject.y, smallObject.size
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      for (let index = 0; index < globalSmallObjectProp.length; index++) {</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       for (let index = 0; index < globalBigObjectProp.length; index++) {</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                    ctx.drawImage(bgImg, 0, 0, canvas.width, canvas.height);
                                                                                                                                                           for (let index = 0; index < totalBigObject; index++) {</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             const smallObject = globalSmallObjectProp[index];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :onst bigObject = globalBigObjectProp[index];
                                          y: Math.random() * (canvas.height - 100),
                      x: Math.random() * (canvas.width - 100),
                                                                                                                                                                                                                                y: Math.random() * (canvas.height - 100)
                                                                                                                                                                                                         x: Math.random() * (canvas.width - 100),
                                                                                                                                                                                    globalBigObjectProp.push({
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ctx.rotate(playerProp.angle);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ctx.rotate(enemyProp.angle);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               358 function drawSmallObject() {
                                                                                                                                                                                                                                                                                                                                                                                            334 | function drawBackground() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                365 | function drawBigObject() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       338 | function drawPlayer() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        updatePlayerMove();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           348 | function drawEnemy() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              updateEnemyMove();
                                                                                                                                                                                                                                                       size: 50,
                                                                    size: 25,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ctx.restore();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ctx.restore();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      smallObject.size)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     playerProp.size);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           enemyProp.size);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ctx.save();
                                                                                                                                                                                                                                                                                                                                                                        // drawImage
                                                                                                                                                                                                                                                                              });
                                                                                           });
5/21/25, 2:03 PM
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