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Initialize game:
    DECLARE car speed AS FLOAT = START SPEED
    DECLARE max speed AS FLOAT = 6 * START SPEED
    DECLARE lives AS INTEGER = 3
    DECLARE score AS INTEGER = 0
    DECLARE car position AS (X, Y) = (START_X, START_Y)
    DECLARE other cars AS LIST = []
    DECLARE slow down timer AS FLOAT = 0
    DECLARE game timer AS FLOAT = PREDEFINED TIME
Begin:
    WHILE game is not over:
        IF key 'W' pressed:
            IF car speed < max speed:</pre>
                car_speed = car_speed + ACCELERATION
        ELSE IF
        IF key 'S' pressed:
            IF car speed > 0:
                car speed = car speed - DECELERATION
            ELSE IF
        ELSE IF
        IF key 'X' pressed:
            car speed = 0
        ELSE IF
        IF key 'A' pressed:
            move car to left lane
        ELSE IF
        IF key 'D' pressed:
            move car to right lane
        ELSE IF
        UPDATE car position based on car speed
        FOR each car in other_cars:
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IF car is off-screen:
                REMOVE car from other cars
            ELSE IF
            IF collision between car and user's car:
                lives = lives - 1
                slow down timer = 3
                IF lives == 0:
                    game is over
                    DISPLAY lose screen
                ELSE IF
            ELSE:
                IF car is passed without collision:
                    score = score + 5
                ELSE IF
            ELSE IF
        ENDFOR
        IF slow_down_timer > 0:
            car speed = car speed / 2
            slow down timer = slow down timer - 1
        ELSE IF
        game timer = game timer - 1
        IF game timer <= 0:</pre>
            game is over
            DISPLAY win screen
        ELSE IF
        RENDER highway background, car sprite,
other car sprites on screen
        DISPLAY score and lives on screen
    ENDWHILE
    IF game is over:
        DISPLAY game results: score, win or lose message
        OPTION to restart game or quit
```

UPDATE car's position based on its speed