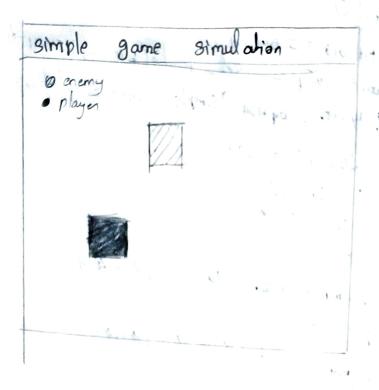
Simulate oraning Concepts using 700K:12 12 yganp To Guale a simple an game dimulation and me pygame module in python : mid that demostrates hasic gaming concepts such as player movement, enemy motion, collision detection, and event handling Algorithm; 1. stort the program 2. import pygame and sys module 3 imilialize pygame using pygame inity 4. Greate a game window with a little and hadeground colon 5. petine player and enemy object usian steclarge (pygame. Kect). 6. Hamalle keyboard input! · move player usias ansion keys 7. move enemy automatically across the 8. noted collision between players and onemy using collidered (1 . if they collide, distay "Gamo ever". and stop the game loop. q. update sonery aller every frame 10 Control frame rate using pygame time. 11. Quil the game properly when closes

\$ 110/25

Palagram impart bygame import sys hangter pygame .inil () WINTH , HEIGHT = 600,400 Win = pygame. display . Sel - made (WINTH) HEIGHT) pygame. display-set_caption ("simple Grame simulation") WHITE = (255, 265, 265) BLUE = (50, 150, 250) RED = (266, 50,50) BLACK = (0,0,0) player = pygume Real (100,200,40,40) player _ Speed = 5 every = pygnome. Kect (800, 100, 40,40) enemy - Speed = 4 doch = nygome.fine. (loch () I ont = pygame . fort - sys Font ("Aprial 4, 36) olunnia = Trup game_over = Kalps while Honning ! for event in pygame event get (): i't event type == mygame. QUIT: pygame/.quif () sys /exit () if not game-over: - Keys = bygame - key get_ bressell) if keys lpy game. K_UPJ and player. topb: play er . Y - = player_speed

output:



if keys [pygame.k_bown] and player bottom (HEIGHT: player, x + = player_speel I I key [by agoune . K_LEFT] and player. lelf >0! play or . x -= player_speed if kays [& yagame . K_RICHT] and player . night (WIDT#: player . X + = player_ speed enemy · x - = ememy_speed if enemy . right to! enemy. left = WIDTH il player. colliderect (enemy): game_over = THUP win fill (WHITE) pygame. draw. Hed (win, BLUE, player) py game. draw. rad [win, KED, enemy) else: WIN. Lill (BLACKE) TECH text - fort Hender Co GAME OVER " win blid (tery havor width of thog RETTERN TO THE 112 120 2) NO ne display update () 4ch (30) * Result: successfully demostrates me perogram Concerts wing Pygame basic gamie