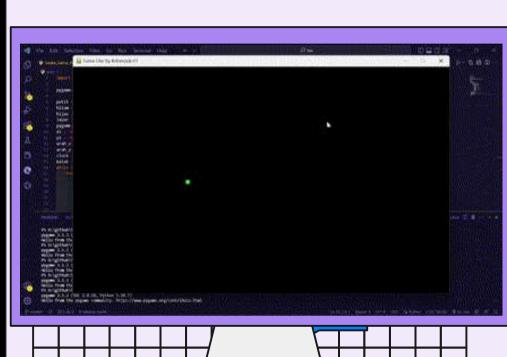


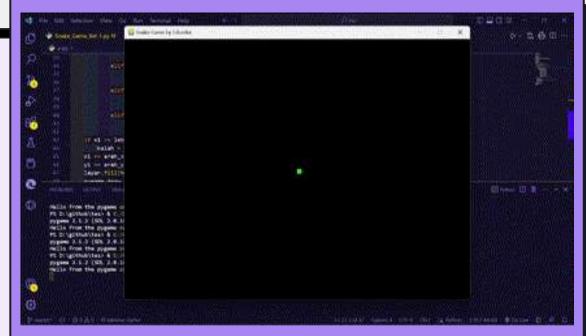
```
Membuat ular bergerak
import pygame
pygame.init()
putih = (255, 255, 255)
hitam - (0, 0, 0)
hijau = (0, 255, 0)
layar = pygame.display.set mode((1888, 688))
pygame.display.set caption('Game Ular by Kelompok @1')
x1 = 300
V1 = 380
arah x = 0
arah y - 0
clock = pygame.time.Clock()
kalah - False
while not kalah:
    for event In pygame.event.get():
       If event.type = pygame.QUIT:
           kalah - Irue
       if event.type - pygame.KEYDOMI:
           If event.key - pygame.K LEFT:
               arah x = -10
               arah y = 0
           elif event.key - pygame:K #10#1:
               arah x = 10
               anah y = 0
           elif event.key - pygame.K UP:
               arah y -- 18
               arah x = 0
           elif event.key - pygame:K DOMN:
               arab y = 10
               arah x = 0
   x1 -- arah x
   y1 - arah y
   layar.fill(hitam)
   pygame.draw.rect(layar, hijau, [x1, y1, 10, 10])
   pygame.display.update()
   clock.tick(30)
```

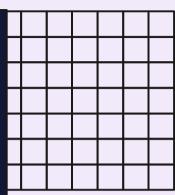


```
Membuat Batas Permainan _ □ X
   import pygame
   import time
   pygame.init()
   hijau = (0, 255, 0)
   hitam = (0, 0, 0)
   merah = (255, 0, 0)
   lebar = 800
   tinggi = 600
   layar = pygame.display.set_mode((lebar, tinggi))
   pygame.display.set caption('Snake Game by Edureka')
   kalah = False
   x1 = lebar/2
   y1 = tinggi/2
   kepala_kotak=18
   arah_x = 8
   arah_y = 8
   clock = pygame.time.Clock()
   speed=38
   font_style = pygame.font.SysFont(None, 58)
   def pesan(psn,warna):
       psn = font_style.render(psn, True, warna)
       layar.blit(psn, [lebar/2, tinggi/2])
   while not kalah:
       for event in pygame.event.get():
           if event.type == pygame.QUIT:
               game over = True
           if event.type == pygame.KEYDOWN:
               if event.key == pygame.K_LEFT:
                  arah x = -kepala kotak
```

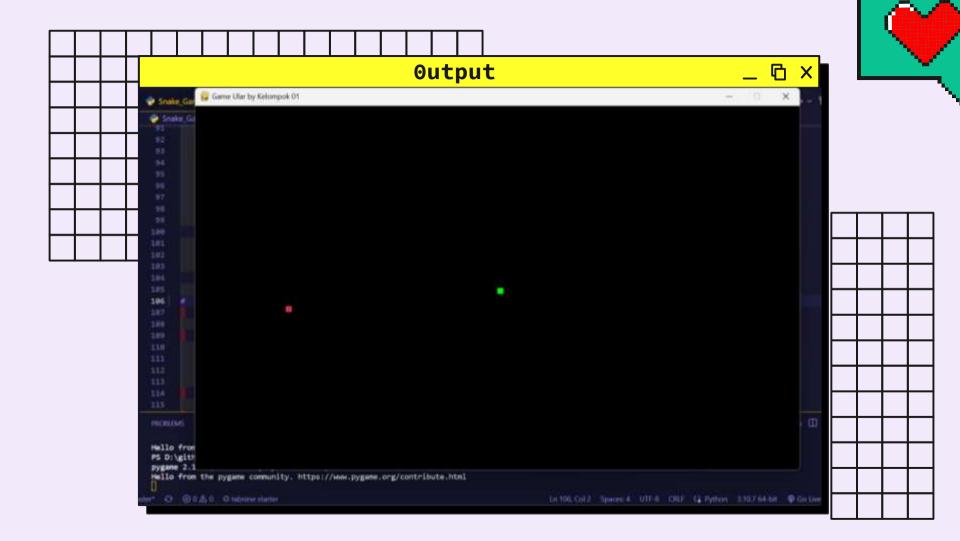
```
×
Membuat Batas Permainan
               arah y = 0
           elif event.key == pygame.K RIGHT:
               arah x = kepala kotak
               arah v = 8
           elif event.key == pygame.K_UP:
               arah y = -kepala kotak
               arah x = 0
           elif event.key == pygame.K_DOWN:
               arah y = kepala kotak
               arah x = 0
   if x1 >= lebar or x1 < 8 or y1 >= tinggi or y1 < 8:
       kalah = True
   x1 += arah x
   y1 = arah y
   layar.fill(hitam)
   pygame_draw.rect(layar, hijau, [x1, y1, kepala_kotak, kepala_kotak])
   pygame.display.update()
   clock.tick(speed)
pesan("Kalah!",merah)
pygame.display.update()
time.sleep(2)
pygame.quit()
quit()
```

Output



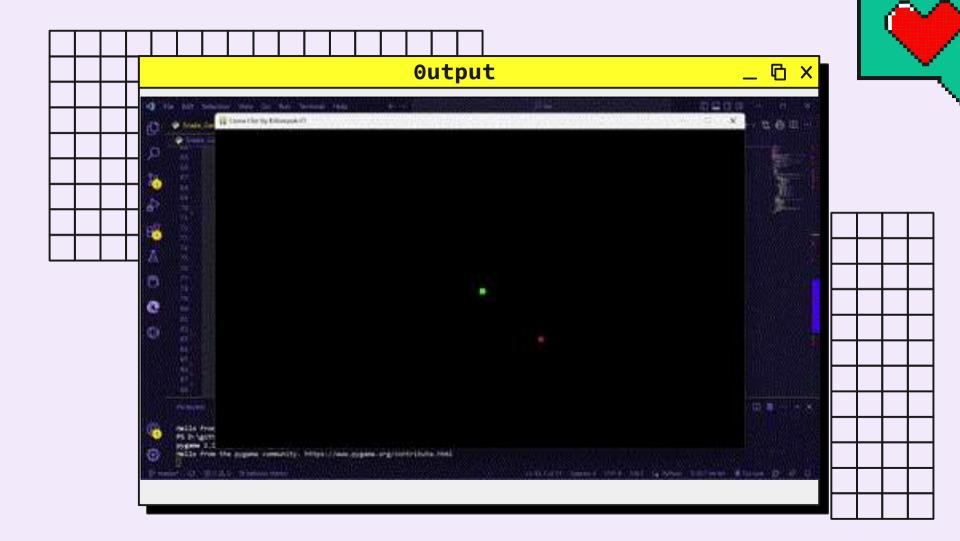


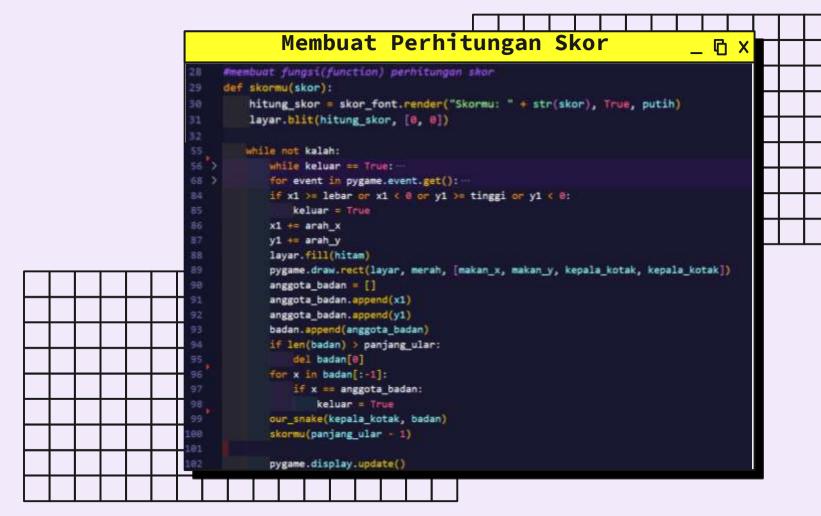
```
Menambah Makanan
                                                                 _ <sup>6</sup> X
der gameLoco():
   kalah = False
   keluar - False
   x1 = lebar / 2
   vi = timegi / 2
   arah x = 0
                                                                                                                                                                _ ① X
   arah y = 0
                                                                                                     Menambah Makanan
   makanx = round(random.randrange(0,lebar -kepala kotak) / 18.0) * 18.0
   makany = round(random.randrange(0, lebar - kepala_kotak) / 10.0) * 10.0
                                                                                                      arah y . 8
   While not kalah:
       while kelper -- Trust
                                                                                                 elif event.key == pygame.K_UF:
          layar, fill(putih)
                                                                                                      arah y = -kepala kotak
          pesan("Game Over! Tekan 'spasi'-lanjut! Tekan 'Esc'-keluar", merah)
                                                                                                      arah_x = 8
          pygame:display.update()
                                                                                                 elif event.key == pygame.K DOWN:
          for event in pygame.event.get():
                                                                                                      arah y = kepala kotak
              if event.type -- pygame.KEYDOW:
                                                                                                     arah x = 8
                  If event.key == pygame.K ESCAPE:
                                                                                         if x1 >= lebar or x1 < 0 or y1 >= tinggi or y1 < 0:
                     kalah m Trum
                                                                                             keluar = True
                     keluar = False
                  if event.key -- pygame.K SPACE:
                                                                                         x1 += arah_x
                     game(ocp()
                                                                                         yl == arah y
       for event in pygame.event.get():
                                                                                         layar.fill(putih)
          if event.type == pygame.QUIT:
                                                                                         pygame.draw.rect(layar, merah, [makanx, makany, kepala kotak, kepala kotak])
              kalah = True
                                                                                         pygame.draw.rect(layar, hitam, [x1, y1, kepala kotak, kepala kotak])
          if event type ** pygame.KEYDOMK:
                                                                                         pygame.display.update()
              If event.key - pygame.K.LEFT:
                                                                                         if x1 == makanx and y1 == makany:
                  arah x - kepala kotak
                  arah_y = 6
                                                                                             makan x = round(random.randrange(0, lebar - kepala_kotak) / 10.0) * 10.0
              elif event.key == pygame.k #10HT:
                                                                                             makan_y = round(random.randrange(0, tinggi - kepala_kotak) / 10.0) * 10.0
                  ersh_x = kepsla_kotak
                                                                                             print("ammm!!")
                                                                                         clock.tick(speed)
                                                                                     pygame quit()
                                                                                     quit()
                                                                                 gameLoop()
```



Menambah Paniang Ular _ 🖟 X #fungsi(function) menumbah panjang Ular def our snake(kepala kotak, list ular); for x in list ular: pygame.draw.rect(layar, hijau, [x[0], x[1], kepala kotak, kepala kotak]) #fungsi(function) memberi pesan ketika game over def pesan(psn, warna): komen = font_style.render(psn, True, warna) layar.blit(komen, [lebar / 5, tinggi / 3]) def gameLoop(): #mengulangi permainan kelah = felse keluar = False x1 = lebar / 2 yl = tinggi / 2 $arah_{x} = 0$ arah y = 0 badan = panjang ular = 1 makan x = round(random.randrange(0, lebar - kepala kotak) / 10.0) * 10.0 makan_y = round(random.randrange(0, tinggi - kepala_kotak) / 10.0) * 10.0 43 while not kalah: while keluar on True! layar.fill(hitam) pesan("Game Over! Tekan 'spasi'-lanjut! Tekan 'Esc'-keluar", putih) pygame.display.update() for event in pygame.event.get(): if event.type == pygame.KEYDOWN: if event.key -- pygame.K ESCAPE: kalah - True kelmer - False

```
Menambah Panjang Ular
                                                                         _ 🗈 X
       if x1 >= lebar or x1 < 0 or y1 >= tinggi or y1 < 0:
           keluar True
       x1 += arah x
       y1 == arah y
       layar.fill(hitam)
       pygame.draw.rect(layar, merah, [makan x, makan y, kepala kotak, kepala kotak])
       anggota badan = []
       anggota badan.append(x1)
       anggota badan.append(y1)
       badan, append (anggota badan)
       if len(badan) > panjang ular:
           del badan[8]
       for x in badan[:-1]:
           if x = anggota badan:
               keluar = True
       our snake(kepala kotak, badan)
       pygame.display.update()
       if x1 == makan_x and y1 == makan_y:
           makan x = round(random.randrange(0, lebar - kepala kotak) / 18.8) * 18.8
           makan y = round(random.randrange(0, tinggi - kepala kotak) / 10.0) * 10.0
           panjang ular *= 1
       clock.tick(speed)
   pygame.quit()
   quit()
gameLoop()
```





Output_

