DAILY ONLINE ACTIVITIES SUMMARY

Date:	05-06-2020	Name:	SAFNAAZ
Sem & Sec	8th B	USN:	4AL16CS081

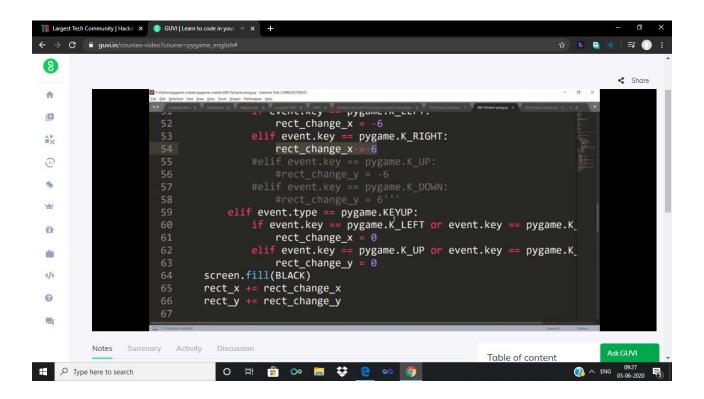| Online Test Summary			
Subject	BDA		
Max. Marks	30	Score	15

Certification Course Summary			
Course	Game development using Pygames		
Certificate Provider	Ui Path	Duration	3 Hours

Coding Challenges
Problem Statement: Write a Python program to convert seconds to day, hour, minutes and seconds.
Status: COMPLETED

Uploaded the report in Github	YES
If yes Repository name	Safnaazsheikh
Uploaded the report in slack	YES

Online Test Details:

Certification Course Details:

F:\Python\pygame-master\pygame-master\006 PyGame pong.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

```
52              rect_change_x = -6
53          elif event.key == pygame.K_RIGHT:
54              rect_change_x = 6
55          #elif event.key == pygame.K_UP:
56              #rect_change_y = -6
57          #elif event.key == pygame.K_DOWN:
58              #rect_change_y = 6'''
59      elif event.type == pygame.KEYUP:
60          if event.key == pygame.K_LEFT or event.key == pygame.K_
61              rect_change_x = 0
62          elif event.key == pygame.K_UP or event.key == pygame.K_
63              rect_change_y = 0
64      screen.fill(BLACK)
65      rect_x += rect_change_x
66      rect_y += rect_change_y
67
```

57 characters selected   Spaces: 4   Python

Notes   Summary   Activity   Discussion

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Ask GUVI

Pygame uses the Simple DirectMedia Layer (SDL) library,[a] with the intention of allowing real-time computer game development without the low-level mechanics of the C programming language and its derivatives. This is based on the assumption that the most expensive functions inside games can be abstracted from the game logic, making it possible to use a high-level programming language, such as Python, to structure the game.

Other features that SDL doesn't have include vector math, collision detection, 2d sprite scene graph management, MIDI support, camera, pixel-array manipulation, transformations, filtering, advanced freetype font support, and drawing.

Applications using pygame can run on Android phones and tablets with the use of pygame Subset for Android. Sound, vibration, keyboard, and accelerometer are supported on Android.

Coding challenges online details :

Write a Python program to convert seconds to day, hour, minutes and seconds

```python
time = float(input("Input time in seconds: "))
day = time // (24 * 3600)
time = time % (24 * 3600)
hour = time // 3600
time %= 3600
minutes = time // 60
time %= 60
seconds = time
print("day:-> %d" % (day))
print("hour:-> %d" % (hour))
print("minutes:-> %d" % (minutes))
print("seconds:-> %d" % (seconds))
```