

ATILIM UNIVERSITY
DEPARTMENT OF COMPUTER ENGINEERING

COMPE 325 – STUDY OF PROGRAMMING LANGUAGES
HOMEWORK II

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Due Date: Dec. 14, 2021, 23:30

Write a program in Python for a marathon race. In your program include the following:

- A dictionary where the key is the athlete's first and last name stored as a tuple, and the value is a list containing the athlete's country and finishing time in hours, minutes and seconds (in a tuple) as shown below:

```
{(Richard,Ringer):[Germany,(2,11,27)],  
 (Eliud,Kipchoge):[Kenya,(2,8,38)],  
 (Yavuz,Agrali):[Turkey,(2,15,5)],  
 ...}
```

- Read the contents of the dictionary as shown in the sample run.
- Find the gold, silver and bronze medalists.
- Display the name of the Turkish athletes who finished the marathon under 3 hours.

Sample Run:

First and last name: Richard Ringer

Country: Germany

Finishing time in hours, minutes, seconds: 2, 11, 27

Do you want to continue Y/N? Y

First and last name: Eliud Kipchoge

Country: Kenya

Finishing time in hours, minutes, seconds: 2, 8, 38

Do you want to continue Y/N? Y

First and last name: Yavuz Agrali

Country: Turkey

Finishing time in hours, minutes, seconds: 2, 15, 10

Do you want to continue Y/N? N

Gold Medal: Eliud Kipchoge, Kenya

Silver Medal: Richard Ringer, Germany

Bronze Medal: Yavuz Agrali, Turkey

Turkish athletes running under 3 hours: Yavuz Agrali