

ATILIM UNIVERSITY
DEPARTMENT OF COMPUTER ENGINEERING

COMPE 325 – STUDY OF PROGRAMMING LANGUAGES
HOMEWORK II

Fall 2022-23

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Due Date: Nov. 28, 2022

Write a program in Python to evaluate a multiple choice exam containing 10 questions. In your program,

- Read the answer key of the exam
- Write a number of functions to input the name, surname and answers of 5 students, calculate their grades and print the dictionary where the keys are tuples containing the name and surnames, and the values are the grades.
e.g. `{('Ali', 'Ozkan'):60, ('Can', 'Bal'):80,}`
- Find the average of the grades and output the students who have scored above the average in the format shown in the sample run. Finally input any first or last name, and output his/her score.

Sample Run:

Enter answer key: adabcbaadb

Enter name: Ali

Enter last name: Ozkan

Enter answers: abacdabacd

Enter name: Can

Enter last name: Bal

Enter answers: adabcbaadb

Enter name: Ayse

Enter last name: Nur

Enter answers: adabcbaacc

...

Student Dictionary:

`{('Ali', 'Ozkan'): 30, ('Can', 'Bal'): 100, ('Ayse', 'Nur'): 80...}`

Average: 66.27

Students above average

Name: Bal, C. Score: 100

Name: Nur, A. Score: 80

...

Who are you searching for? Nur

Ayse Nur received 80