**BRAC UNIVERSITY**

Quiz 1 **Department of Computer Science and Engineering**

CSE111: Programming Language II Duration: 25 minutes Marks: 10

| Name: | ID: | Section: 27 |
| --- | --- | --- |
| (Please write in CAPITAL LETTERS) |  |  |

1. Write a python program that takes a string from the user and creates a dictionary. The dictionary's keys will be each character's categories (Letters, Digits, Special Characters), and the values will be a list/tuple of those characters. See the sample input output below to understand the question better. [Check how the spaces and digits are handled]

[Marks 10]

[CO 1]

**Sample Input 1:**

"82 \* 92 = 7544"

**Sample Output 1:**

{'Digits': (8, 2, 9, 2, 7, 5, 4, 4), 'Special Characters': ('\*', '='), 'Letters': []}

**Sample Input 2:**

"CSE110 was fun"

**Sample output 2:**

{'Letters': ('C', 'S', 'E', 'w', 'a', 's', 'f', 'u', 'n'), 'Digits': (1, 1, 0), 'Special Characters': []}