

## ASSIGNMENT INSTRUCTIONS

1. Assignment 06: **0 points w/ 15 E.C. points**
2. Due Date & Time: **04-26-2022 at 11:55 PM**

## WHAT TO SUBMIT

1. Assignment Report
2. Code

## HOW TO SUBMIT AND THE RULES TO FOLLOW

- Submit via iLearn, the Assignment Submission section
- Please refer to Assignment 01 for the Assignment Guidelines
- Please follow the Assignment Report Template
- Please follow the Course Policy on Student Conduct and Academic Honesty

PERFORMANCE TRACKER		
ASMT	GRADE	YOUR GRADE
ZOOM	05	
01	20	
02-PREPARATION	25	
02	75	
03	75	
MIDTERM EXAM 01	25	
04	75	
05	75	
MIDTERM EXAM 02	75	
<b>TOTAL</b>	<b>400</b>	

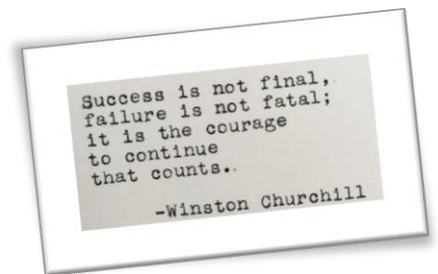
A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-60%

The course grader provides feedback to your assignments on iLearn.

## ABOUT

This assignment takes our Google Guava Dictionary skills to the next level.

- This assignment is an **extra credit** assignment. It is an **optional** assignment.
- Complete this assignment prepares us for advanced courses starting with CSC 340 and get us more job ready.



## GOOGLE GUAVA – To the next level, 15 Extra Credit points

Please implement an interactive dictionary. Our dictionary takes input from users and use the input as search key to look up value(s) associated with the key.

1. This assignment does not require following any given skeleton code.
2. We are required to use **Enum** and **Google Guava Multimap** in our implementation.
3. The **Google Guava Multimap** dictionary must get its data from the **Enum** objects.

Our program's output must be identical to the output on the **2<sup>nd</sup>** page.

## Program's Output

```
- DICTIONARY 220 JAVA Professional -----  
----- powered by Google Guava -  
  
Search: boOK  
|  
  Book [noun] : A written work published in printed or electronic form.  
  Book [verb] : To arrange for someone to have a seat on a plane.  
|  
Search: BooK noun  
|  
  Book [noun] : A written work published in printed or electronic form.  
|  
Search: book verb  
|  
  Book [verb] : To arrange for someone to have a seat on a plane.  
|  
Search: bOOk oops  
|  
  <2nd argument must be a part of speech or "distinct">  
|  
Search: Facebook  
|  
  <Not found>  
|  
Search: cSc220  
|  
  CSC220 [adjective] : Ready to create complex data structures.  
  CSC220 [noun] : Data Structures.  
  CSC220 [verb] : To create data structures.  
|  
Search: csC220 adjective  
|  
  CSC220 [adjective] : Ready to create complex data structures.  
|  
Search: bookcaSE  
|  
  Bookcase [noun] : A piece of furniture with shelves.  
|  
Search: bookable verb  
|  
  <Not found>  
|  
Search: bookable adjective  
|  
  Bookable [adjective] : Can be ordered in advance.  
|  
Search: bookBINDER v  
|  
  <2nd argument must be a part of speech or "distinct">  
|  
Search: !Q  
  
-----THANK YOU-----
```