



COMSATS University Islamabad, Lahore Campus

Course Title:	Introduction to Data Science			Course Code:	CSC461	Credit Hours:	3(3,0)
Resource Person:	Dr. Muhammad Sharjeel			Programme Name:	BSSE		
Semester:	5 th	Batch:	FA21	Section:	C	Max Marks:	10

Assignment 2

Due Date: 30-09-2023

Submission: Upload the assignment solution to your GitHub account (private repository).

Important instructions: Please write the following information at the start of your ipython file.

Date

CSC461 – Assignment2 – Regular Expressions

Your Full Name

You Complete Registration Number

A brief description of the task

Use the file named example-text.txt available on shared Google Drive folder for this assignment.

Q1. [CLO-2]

Read the file (example-text.txt) and write regular expressions to accomplish the following.

1. Extract list of all words.
2. Extract list of all words starting with a capital letter.
3. Extract list of all words of length 5.
4. Extract list of all words inside double quotes.
5. Extract list of all vowels.
6. Extract list of 3 letter words ending with letter 'e'.
7. Extract list of all words starting and ending with letter 'b'.
8. Remove all the punctuation marks from the text.
9. Replace all words ending 'n't' to their full form 'not'.
10. Replace all the new lines with a single space.