



National University

of Computer & Emerging Sciences Peshawar Campus

Name: _____ Section _____

Roll No: _____

Program: CS

Semester: Spring – 2021

Time Allowed: 2 hrs

Course: Programming Fundamentals (CL218)

Examination: Lab Exam

Total Marks: 50

Date: 30th June, 2021

Lab Instructor: Muhammad Hamza

NOTE:

All submissions will be accepted on Google Classroom only. Each Question will have dedicated time and marks. No late submissions will be entertained. **Zero** tolerance in case of plagiarism. Total Questions 5. Only submit **.py** files. Time mentioned for each question includes submission time.

Q4. Censored Strings (Marks: 20)

Time: 30 min

Someone has attempted to censor my strings by replacing every vowel with a `*`, like this.

Luckily, I've been able to find the vowels that were removed. Censored data and vowels are contained in the given file. Each line of the file contains a censored string and vowels

Given a censored string and a string of the censored vowels, return the original uncensored string.

Example

```
uncensor("Wh*r* d*d my v*w*ls g*?", "eeioeo") → "Where did my vowels go?"
```

```
uncensor("abcd", "") → "abcd"
```

```
uncensor("*PP*RC*S*", "UEAE") → "UPPERCASE"
```

Note

The vowels are given in the correct order.

The number of vowels will match the number of `*` characters in the censored string.