**National University of Computer & Emerging Sciences, Karachi** **Spring 2021**Assignment III

**Instructions:**

* Read the following scenario carefully before performing the given tasks
* You can use Google if you need to (although it's likely that you won't have to)
* Don't share your solutions with each other
* Use comments to explain your code wherever applicable

**Submission:**

* You'll need to submit a text file containing your program along with .cpp
* Before submission, rename your files as your ID e.g. ***k201234.docx*** and ***k201234.cpp***
* **Deadline:** *Saturday, 22nd of May, 2021 (02:00 pm)*
* To be submitted on Google Classroom *(code: beq77yg)*

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* For the following task, you need to create two text files, namely, ***input.txt*** and ***deifiniaz.txt***.
* ***input.txt*** should contain some arbitrary text, comprising letters and digits
* ***deifiniaz.txt*** should initially be empty. This file is going to store the output of your program

**Task to be performed:**

Write a program that reads the contents of file **input.txt**, encrypts its contents and save the modified text to your output file i.e. **deifiniaz.txt**.

The encryption should be done according to these rules:

*"Every digit should be converted to a capital letter in a way that digits are treated as sequence number of the alphabets e.g.* ***1*** *should become* ***A****,* ***2*** *should become* ***B****,* ***5*** *should become* ***E****,* ***11*** *should become* ***K****. Every digit less than 1 or greater than 26 should be converted to the letter Z."*

**Sample Input** *(input.txt)***:**

**Hello this t3xt is 4 the 1st try 25**

**Output** *(deifiniaz.txt)***:**

**CDAY**

**Note:** This sample input is only for reference. Your program should work for any text given as input.