

CISC 2330
Assignment 8 (20 Pts)

Due at 10:00 PM Central (MyCampus)

Topics: Control Structures (Selection & Repetition):

Remembering Telephone Numbers

GangWay is a new software company in Belton, Texas. In an effort to increase its customer base, it is looking for a creative way to get people to remember its hotline (phone number). The Software Manager there reasons that in order for this effort to succeed, they must use letters to show their phone number. For instance, if their telephone number is 438-5626, then it can be shown as GET LOAN. Furthermore, to make the telephone number more meaningful, she (the Manager) wants to use more than 7 letters sometimes. For instance, telephone number 225-5466 can be shown as CALL HOME, which uses 8 letters.

She approached you to write a program that prompts the user to enter a telephone number expressed in letters and outputs the corresponding telephone number in digits. If the user enters more than 7 letters, then your program should process only the first 7 letters and ignore the rest. You should also output the – (hyphen) after the third digit. Allow user to use both uppercase and lowercase letters as well as spaces between words. Moreover, your program should process as many telephone numbers as the user wants without having to run it each time.

Also for homework, complete exercises 1, 2, 4 & 5 (p 315-6)