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| **Application/ Program name:** | CH5\_EX4 |
| **Written by:** | Allen J Myers |

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| **Purpose or problem definition:** |
| Program to convert phone numbers into corresponding digits. |
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| **Program Procedures:** |
| System prompts user to enter “Y” or “y” to start program. Prompts user for a telephone number using either uppercase or lowercase letters. Outputs the corresponding digits with a “-“ between 3rd and 4th digit, ignores digits after the 7th letter. Prompts user to either continue or terminate program. |
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| **Algorithm/Processing/Conditions:** |
| **Inputs:** |
| “Y” or “y” to start program. Telephone number in letters. |
| **Processes:** |
| Converts the telephone number in letters to numerical digits, ignoring digits after the 7th letter. |
| **Outputs:** |
| Outputs the corresponding numerical values of the telephone number. |
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| **Notes & Restriction:** |
| No know restrictions. |
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| **Comments:** |
| Simple implementation of Example 5-5 with a couple extra loops. |