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| Student Name: | Samuel Moses |
| Total Points (20 pts) |  |
| **Due: February 10, 2025 at 11:59PM** | |

**Project: Phone Keypads**

Object Oriented Programming and Data Structures

CSET 1200 – 001

Problem Description:

The international standard letter/number mapping found on the telephone is shown below:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | 1 | 2  ABC | 3  DEF | | 4  GHI | 5  JKL | 6  MNO | | 7  PQRS | 8  TUV | 9  WXYZ | |  | 0 |  | |

Write a program that reads a letter and displays its corresponding digit.

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| Analysis: |
| *(Describe the problem including input and output in your own words.)* |

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| Design: |
| *(Describe the major steps for solving the problem.)* |
| Coding: (Copy and Paste Source Code here. Format your code using Courier 10pts) |
| *[Copy and Paste Your program here]* |

Submit the following items:

1. Compile and run program and submit the necessary code in the coding section. If there are issues, we may need to have you submit your working code, so please don’t delete.