Plan:

**Menu**

1. Asks user to choose option from menu, validate user input accurately, and display error message if user enters an incorrect input.
2. Calculate check digit
3. Check validity of code

**Calculate check digit**

1. Ask user to enter 7-digit code, validate accurately the length, and complexity of code. If 7-digit code contains letters, symbols, or is two short, display error message and ask user to enter again.
2. Separate each digit in code, and append to list. this allows you to individually isolate and work on each digit.
3. Alternately times each digit by 1 and 3 accurately, and append answer to list.
4. Sum up correctly all values in list, and store in variable.