Task 1 Pseudo code

INPUT 7 or 8 Digit Number

IF Number IS 7 Digits then:

Store Numbers to array

Multiply digits of Number by 3 and 1 alternately

Subtract total from nearest equal or higher multiple of 10

OUTPUT Number+Total

ENDIF

IF Number IS 8 Digits then:  
 Store 8th Digit in array

Append array to 7 Digits

Multiply digits of Number by 3 and 1 alternately

Subtract total from nearest equal or higher multiple of 10

IF Total is Same as 8th Digit then:  
 Output ‘Code is valid’

ELSE

Output ‘Code is invalid’

ENDIF

ENDIF