MATH390 Coding Exercise

Coding method as in model of a mobile phone keypad: count 0, 1, 2

Column

Row

	0	1	2
0	space S Z	A B C	D E F
1	G H I	J K L	M N O
2	P Q R	T U V	W X Y

Represent each letter as a 3 by 1 vector with entries chosen from 0, 1 or 2

Example Letter E goes to:

0	Row
2	Column
1	Entry in box

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	space
				0																						
				2																						
				1																						

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	space