Display 1,2,3

Row A pressed?

yes

no

yes

Row B pressed?

yes

no

Display 4,5,6

yes

Row C pressed?

no

yes

Display 7,8,9

Row D pressed?

no

yes

Display \*,0,#

yes

Push Button1 pressed?

no

yes

Display “my name”

yes

no

Push Button2 pressed?

yes

Display “my id”