

ARDUINO SET-UP CODE FOR 4 x 4 MATRIX KEYPAD

```
const byte ROWS = 4;           //four rows

const byte COLS = 4;           //four columns

//define the symbols on the buttons of the keypads

char hexaKeys[ROWS][COLS] = {
  {'1','2','3','A'},
  {'4','5','6','B'},
  {'7','8','9','C'},
  {'*','0','#','D'}
};
```



```
byte rowPins[ROWS] = {5, 6, 7, 8}; //connect to the row pin outs of the keypad

byte colPins[COLS] = {9, 10, 11, 12}; //connect to the column pin outs of the keypad
```