```
int latchPin = 8;
int clockPin = 12;
int dataPin = 11;
byte colDataMatrix[8] = {
B01111111,
B10111111,
B11011111,
B11101111,
B11110111,
B11111011,
B11111101,
B11111110
};
byte rowDataMatrix[8] = {
B11111111,
B10000001,
B10000001,
B10000001,
B10000001,
B10000001,
B10000001,
B11111111
};
int delay_time = 1;

void setup() {
pinMode(latchPin,OUTPUT);
pinMode(clockPin,OUTPUT);
pinMode(dataPin,OUTPUT);
}


void loop() {
for(int i = 0; i < 8 ; i++){
//byte colData = colDataMatrix[i];
digitalWrite(latchPin,LOW);
// pickDigit(i);
shiftOut(dataPin, clockPin, MSBFIRST, colDataMatrix[i]);
shiftOut(dataPin, clockPin, MSBFIRST, rowDataMatrix[i]);
//shiftOut(dataPin, clockPin, MSBFIRST, colDataMatrix[i]);
digitalWrite(latchPin,HIGH);
delay(delay_time);
}
```

```
}
void pickDigit(int x) {
byte rowByte = 1 << x;
shiftOut(dataPin, clockPin, MSBFIRST, rowByte);
}
```