Experiment No. : 8

Statement : Turn ON/OFF five LEDs individually via serial monitor window.

Date of Exp :

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const int ledPins[] = (2,3, 4, 5, 6);

void setup(){

for (int i = 2; i <= 6; i++) {

pinMode(i, OUTPUT);

}

Serial.begin(9600);

}

void loop(){

if(Serial.available()>0){

char key=Serial.read();

if(key=='0')

digitalWrite(2,HIGH);

else if(key=='1')

digitalWrite(2,LOW);

else if(key=='2')

digitalWrite(3,HIGH);

else if(key=='3')

digitalWrite(3,LOW);

else if(key=='4')

digitalWrite(4,HIGH);

else if(key=='5')

digitalWrite(4,LOW);

else if(key=='6')

digitalWrite(5,HIGH);

else if(key=='7')

digitalWrite(5,LOW);

else if(key=='8')

digitalWrite(6,HIGH);

else if(key=='9')

digitalWrite(6,LOW);

}

}



