#include<stdio.h>

#include<string.h>

#include<errno.h>

#include<wiringPi.h>

#include<wiringSerial.h>

void main()

{int serial\_port,x=0;

WiringPiSetup ();

pinMode (0,OUTPUT);

pinMode(1,OUTPUT);

pinMode(2,OUTPUT);

pinMode(3,OUTPUT);

digitalWrite(0,HIGH);

digitalWrite(1,HIGH);

digitalWrite(2,HIGH);

digitalWrite(3,HIGH);

char dat;

if((serial\_port=serialOpen("/dev/ttySO",9600))<0)

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{ fprintf(stderr,"Unable to open serial device : %s \n",strerror(errno));

}

if(wiringPiSetup()==-1)

{ fprintf(stdout,"unable to start wiringPi : %s \n",strerror(errno));

}

while(1)

{ if(serialDataAvail(serial\_port))

{ dat=serialGetchar(serial\_port);

printf("%c \n",dat);

fflush(stdout);

}

if(dat=='a')

{ digitalWrite(0,HIGH);

printf("Relay A On");

}

if(dat=='b')

{ digitalWrite(1,HIGH);

printf("Relay B ON");

}

if(dat=='c')

{ digitalWrite(2,HIGH);

printf("Relay C ON");

}

if(dat=='d')

{ digitalWrite(3,HIGH);

printf("Realy D ON");

}

}

}