

void loop() {

int in=input\_socket();//also checks if the socket is free

int UI=price\_calc(in); //price calculation for socket

if(UI==1){

//send data to owner

Serial.printf("\ndata sent for authentication (socket %d)\n",in);

delay(1000);

//authentication from owner for socket x ,do: SKT\_FLAG [x]=1

SKT\_FLAG[1]=1;

SKT\_FLAG[0]=1;

if(SKT\_FLAG[in]==1)

{

Serial.printf("permission granted for socket %d\n",in);

StartTime[in]= millis();

turn\_on\_relay(in);

}

else{

Serial.printf("permission denied for socket %d\n",in);

}

}

delay(1000);

for(int i=0;i<n;i++){

if(SKT\_FLAG[i]==1){

processing\_mod(i);

}

}

}



