byte val;

void setup()

{

Serial.begin(9600);//Change the baud rate value depending on the default baud rate of your bluetooth module, for Bluesmirf-115200 and for JY-MCU-9600

pinMode(3, OUTPUT);//Light2 pin

pinMode(4, OUTPUT);//Light3 pin

pinMode(5, OUTPUT);//AC pin

pinMode(6, OUTPUT);//Door Lock

}

void loop()

{

int a=0;

if(Serial.available())

{

val=Serial.read();

Serial.println(int(val));//Display received value on Serial Monitor

if(int(val)==49)//Turn Light1 ON

digitalWrite(2,HIGH);

else if (int(val)==50)//Turn Light1 OFF

digitalWrite(2,LOW);

if(int(val)==51)//Turn Light2 ON

digitalWrite(3,HIGH);

else if(int(val)==52)//Turn Light2 OFF

digitalWrite(3,LOW);

if(int(val)==53)//Turn Light3 ON

digitalWrite(4,HIGH);

else if(int(val)==54)//Turn Light3 OFF

digitalWrite(4,LOW);

if(int(val)==55)//Turn AC ON

digitalWrite(5,HIGH);

else if(int(val)==56)//Turn AC OFF

digitalWrite(5,LOW);

if(int(val)==57)//Lock the DOOR

digitalWrite(6,HIGH);

else if(int(val)==48)//Unlock the DOOR

digitalWrite(6,LOW);

}

}