void setup() {

Serial.begin(9600);

pinMode(8, OUTPUT); // put your setup code here, to run once:

pinMode(13,OUTPUT);

}

void loop() {

// put your main code here, to run repeatedly:

if(Serial.available()>0)

{

char data= Serial.read(); // reading the data received from the bluetooth module

switch(data)

{

case 'a': digitalWrite(8, HIGH);break; // when a is pressed on the app on your smart phone

case 'd': digitalWrite(8, LOW);break; // when d is pressed on the app on your smart phone

case 'b': digitalWrite(13,HIGH);break;

case 'c': digitalWrite(13,LOW);break;

default : break;

}

Serial.println(data);

}

delay(50);

}