**Commit #01**

**#include <SoftwareSerial.h>**

**SoftwareSerial mySerial(3, 2);  //rx,tx**

**int data;**

**void setup() {**

**// put your setup code here, to run once:**

**Serial.begin(9600);**

**mySerial.begin(9600);**

**pinMode(5, OUTPUT);**

**pinMode(6, OUTPUT);**

**pinMode(9, OUTPUT);**

**pinMode(10, OUTPUT);**

**digitalWrite(5, LOW);**

**digitalWrite(6, LOW);**

**digitalWrite(9, LOW);**

**digitalWrite(10, LOW);**

**}**

void loop() {

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

  if (mySerial.available() {

    data = mySerial.read();

    Serial.print("Data : ");

    Serial.println(data);

  }

  if (data == 70) { //Forward case Bluetooth input integer= 70

**analogWrite(5, 250);**

**analogWrite(6, 0);**

**analogWrite(9, 250);**

**analogWrite(10, 0);**

**}**

**else if  (data == 66) { //Backward case Bluetooth input integer=66**

**analogWrite(5,0);**

**analogWrite(6,250);**

**analogWrite(9,0);**

**analogWrite(10,250);**

**}**

**else if (data == 76 ) { //Left case Bluetooth input integer =76**

**analogWrite(5,250);**

**analogWrite(6,0);**

**analogWrite(9,0);**

**analogWrite(10,125);**

**}**