

Joystick

```
const int xPin = A0; //X attach to A0
const int yPin = A1; //Y attach to A1
const int swPin = 2; //Bt attach to digital 8
void setup()
{
  pinMode(swPin,INPUT); //set btpin as INPUT
  digitalWrite(swPin, HIGH); //and HIGH
  Serial.begin(9600); //initialize serial monitor
}
void loop()
{
  Serial.print("X: "); //print "X: "
  Serial.print(analogRead(xPin),DEC); //read the value of A0 and print it in decimal
  Serial.print("Y: "); //print "Y: "
  Serial.print(analogRead(yPin),DEC); //read the value of A1 and print it in decimal
  Serial.print("Z: "); //print "Z: "
  Serial.println(digitalRead(swPin)); //read the value of pin8 and print it
  delay(500); //delay 500ms
}
```

