

Line Finder Sensor Arduino Program

Demo code

```
{  
  
//-----  
---  
//Name: Line finder digital mode  
//Function: detect black line or white line  
//Parameter: When digital signal is HIGH, black line  
//            When digital signal is LOW, white line  
//-----  
----  
int signalPin = 3;    // connected to digital pin 3  
void setup()  {  
    pinMode(signalPin, INPUT); // initialize the digital pin  
as an output:  
    Serial.begin(9600); // initialize serial communications  
at 9600 bps:  
}  
// the loop() method runs over and over again,  
// as long as the Arduino has power  
void loop()  
{  
    if(HIGH == digitalRead(signalPin))  
        Serial.println("black");  
    else Serial.println("white"); // display the color  
        //delay(1000);           // wait for a second  
}  
  
}
```