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//To reduce the size use CUSTOM_SETTINGS and INCLUDE_ACCELEROMETER_SENSOR_SHIELD
#define CUSTOM_SETTINGS
#define INCLUDE_ACCELEROMETER_SENSOR_SHIELD

#include <OneSheeld.h>//include 1Sheeld library

//Define the pin numbers
int north = 2;
int east = 3;
int south = 4;
int west = 5;

int threshold_value = 2; //define threshold value

void setup() {
OneSheeld.begin(); // Start communication via bluetooth to the phone.

//set the pins to be able to output Voltage
pinMode(north,OUTPUT);
pinMode(east,OUTPUT);
pinMode(south,OUTPUT);
pinMode(west,OUTPUT);
}

void loop() {
//Turn all of the pins off every loop
digitalWrite(north,LOW);
digitalWrite(east,LOW);
digitalWrite(south,LOW);
digitalWrite(west,LOW);

//if statements to check if the acceleration caused by gravity in a direction is larger than a threshold value
if(AccelerometerSensor.getX() > threshold_value){
digitalWrite(west,HIGH);}

if(AccelerometerSensor.getX() < -threshold_value){
digitalWrite(east,HIGH);}

if(AccelerometerSensor.getY() > threshold_value){
digitalWrite(south,HIGH);}

if(AccelerometerSensor.getY() < -threshold_value){
digitalWrite(north,HIGH);}
}

```