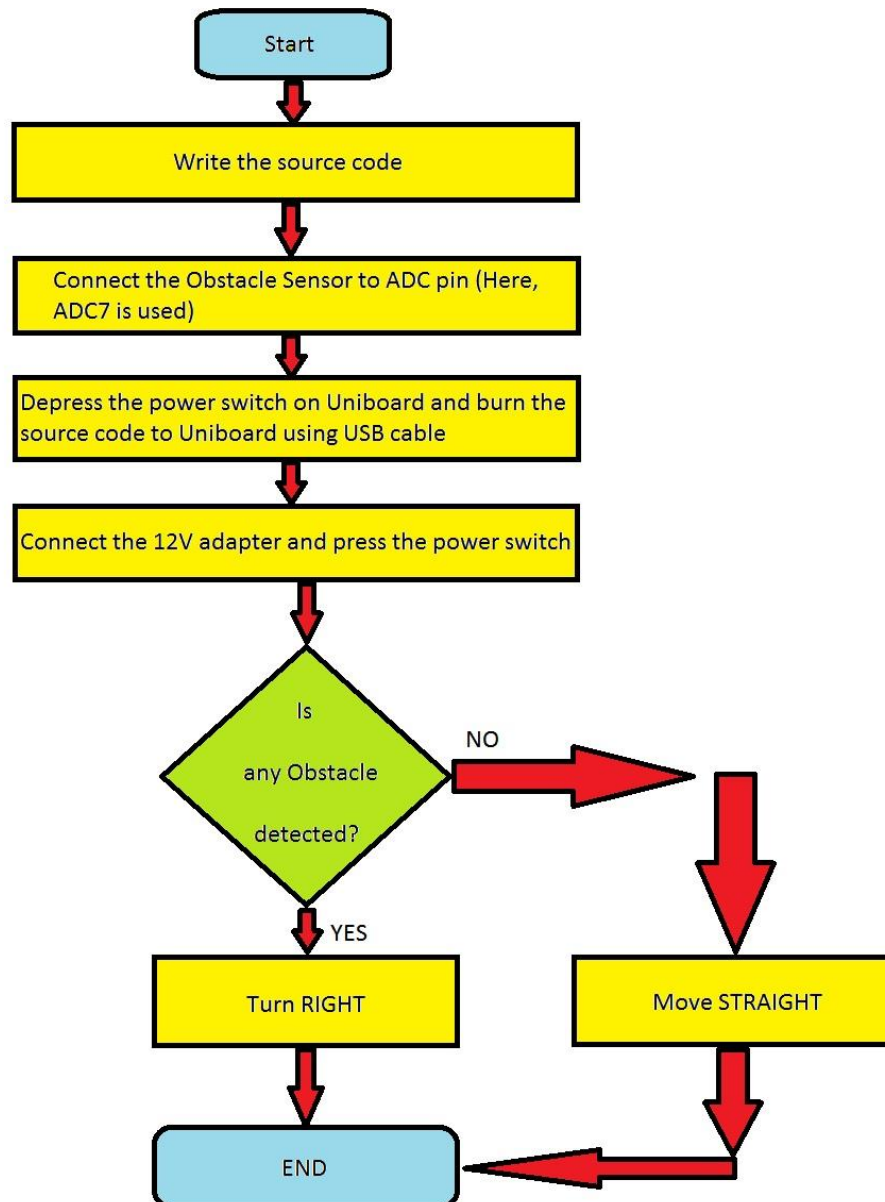


## **Obstacle Avoider**

### **Stepwise Procedure**

1. Write the source code for obstacle avoider program and check for errors.
2. Connect the Obstacle Sensor to the Uniboard to any of the 8 ADC pins (Here, Obstacle sensor is connected to ADC7).
3. Depress the power switch on Uniboard and connect the Uniboard to the computer via USB cable and burn the source code to the Uniboard using USB cable.
4. Now, change the range of the Obstacle Avoider, as required, using the variable resistor provided.
5. Now, remove the USB cable and connect the 12V adapter and press the power switch.
6. This will start the bot and the bot will turn to its right as and when it senses an Obstacle, otherwise it will move straight.

## Flowchart



YouTube Video: <http://youtu.be/QcisR-nsnaU>