

# ABDULRAZAK MUSTAFA

## OBSTACLE DETECTOR MACHINE (IoT Arduino Project)

### SYNOPSIS

#### **Abstract**

Obstacle detector machine is the IoT related project that mainly can be used to detect the distance from one object to another and trigger a buzzer alarm to notify that there is an obstacle in which a given object is going to crash so as to keep it on a safe side.

#### **Name Of The Project: OBSTACLE DETECTOR MACHINE**

#### **Objectives:**

- To calculate the distance from one object to another
- To notify the obstacles that an object is going to face
- To trigger the buzzer before an object crushes

#### **Platform:** Ubuntu OS

#### **Technologies used:**

- C++
- C#

### **Software Requirements:**

- Microsoft Windows or Linux (Ubuntu)
- Arduino IDE
- C++ or C# Programming Language

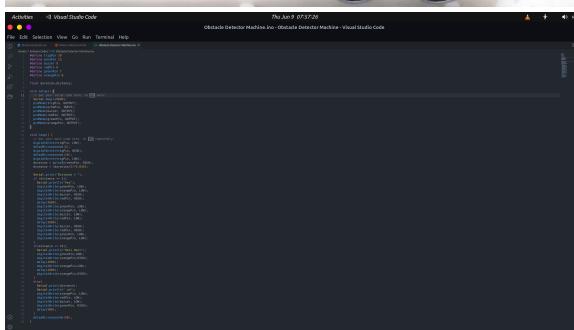
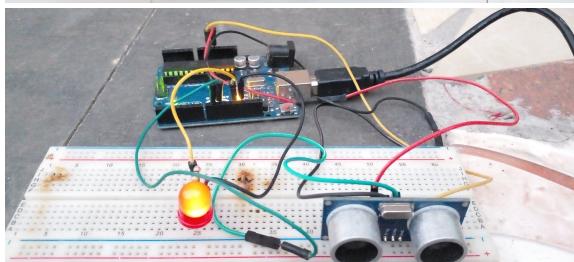
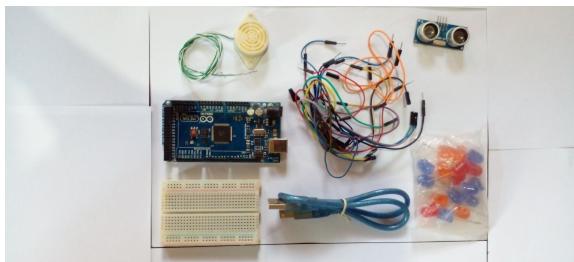
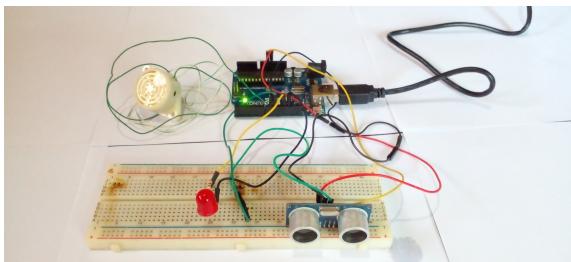
### **Hardware Requirements:**

- Intel Pentium IV Processor or Equivalent or Higher
- 512 MB RAM or Higher
- 20GB HDD or Higher
- Network Connectivity
- Arduino UNO or NANO or Whichever
- Jumper Wires
- Buzzer (Alarm)
- Bread Board
- LDE
- Source Of Power (Not More Than 12DC Volt)

### **Source Codes :**

[View / Download](#) 

### Gallery Section



---

**Get In Touch**

---

