```cpp
// C++ code for obstacle detection
int pirsensor;
void setup()
{
        pinMode(2,INPUT);
        pinMode(12,OUTPUT);
        pinMode(13,OUTPUT);

}

void loop()
{
        pirsensor=digitalRead(2);
        if(pirsensor==HIGH)
  {
        digitalWrite(13,HIGH);
        tone(12,500,500);
  }
        digitalWrite(13,LOW);
}
```