

CODE:

```
// C++ code
//
void setup()
{
  pinMode(13,OUTPUT);
  pinMode(12,OUTPUT);
  Serial.begin(7000);
}
void loop()
digitalWrite(13, HIGH);
Serial.println("13LED ON");
digitalWrite(12,OUTPUT);
Serial.println("12LED ON");
}
```

```
// C++ code
//
void setup()
{
  pinMode(13,OUTPUT);
  pinMode(12,OUTPUT);
  Serial.begin(7000);
}

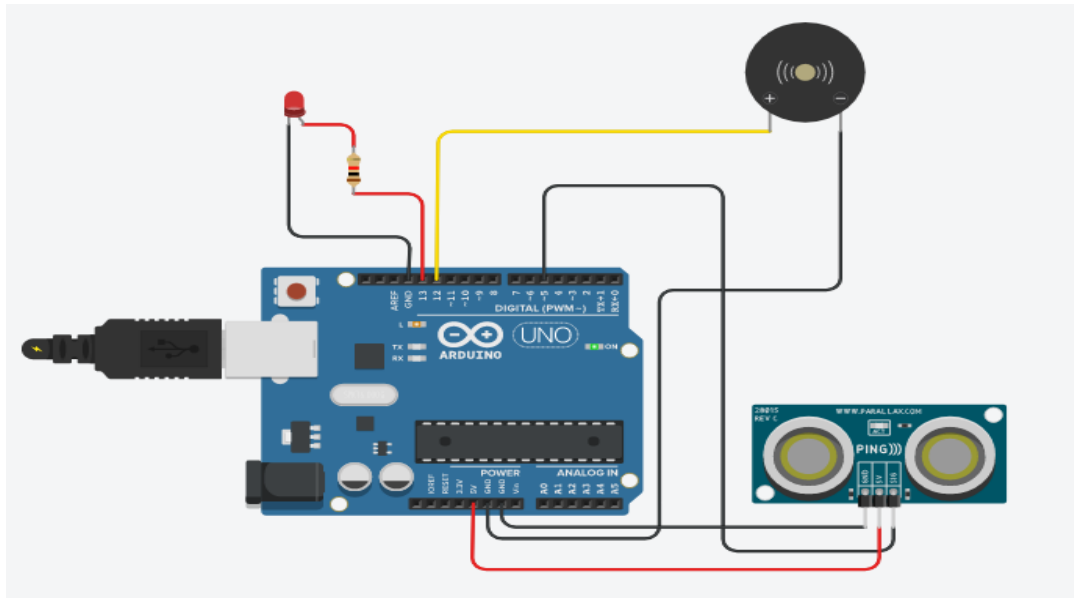
void loop()
{
  digitalWrite(13, HIGH);
  Serial.println("13LED ON");
  digitalWrite(12,OUTPUT);
  Serial.println("12LED ON");
}
```

**ROLL NO: CITC2004209**  
**NAME: TAMILARASAN M**





The screenshot shows the Arduino IDE environment. The top toolbar includes icons for file operations, simulation control, and a serial monitor. The main workspace displays the following C++ code:




```
1 // C++ code
2
3 //
4
5 void setup()
6 {
7   pinMode(13,OUTPUT);
8   pinMode(12,OUTPUT);
9   Serial.begin(7000);
10 }
11
12 void loop()
13 {
14   digitalWrite(13, HIGH);
15   Serial.println("13LED ON");
16   digitalWrite(12,OUTPUT);
17   Serial.println("12LED ON");
18 }
```



[illegible]




CIRCUIT DIAGRAM

All changes saved    



9:39  Code  Stop Simulation  Send To

  1 (Arduino Uno R3) ▾

```
1
2
3
4
5 void setup()
6 {
7
8
9   pinMode(13,OUTPUT);
10
11   pinMode(12,OUTPUT);
12 |
13   Serial.begin(7000);
14
15 }
16
17 void loop()
18 {
19   digitalWrite(13, HIGH);
20
21   Serial.println("13LED ON");
22
23   digitalWrite(12,OUTPUT);
24
25   Serial.println("12LED ON");
26
```

 Serial Monitor

12LED ON  
13LED ON  
12LED ON  
13LED ON  
12LED

 Send  Clear 