

Stage 2 coding for GAS LEAKAGE MONITORING AND ALERTING SYSTEM

```
// the setup function runs once when you press reset or power the board
```

```
int buzzer = 8;
```

```
int LED = 7;
```

```
void setup() {
```

```
    // initialize digital pin LED_BUILTIN as an output.
```

```
    pinMode(8, OUTPUT);
```

```
}
```

```
// the loop function runs over and over again forever
```

```
void loop() {
```

```
    digitalWrite(8, HIGH); // turn the buzzer on (HIGH is the voltage level)
```

```
    delay(1000);           // wait for a second
```

```
    digitalWrite(8, LOW); // turn the buzzer off by making the voltage LOW
```

```
    delay(1000);           // wait for a second
```

```
    digitalWrite(7, HIGH); // turn the LED on (HIGH is the voltage level)
```

```
    delay(1000);           // wait for a second
```

```
    digitalWrite(7, LOW); // turn the LED off by making the voltage LOW
```

```
    delay(1000);
```

```
}
```