

## ASSIGNMENT 1

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```
int gas=A0;
```

```
int piezo=9;
```

```
int val;
```

```
void setup()
```

```
{
```

```
  Serial.begin(9600);
```

```
  pinMode(piezo,OUTPUT);
```

```
  pinMode(gas,INPUT);
```

```
}
```

```
void loop()
```

```
{
```

```
  val = analogRead (A0);
```

```
  Serial.print("Calidad de aire: ");
```

```
  Serial.println(val);
```

```
  if (val <500 )
```

```
  {digitalWrite (9, LOW);}
```

```
  else
```

```
  {digitalWrite(9, HIGH);}
```

```
  delay(500);
```

```
}
```

