



```
#define PIN_TRIG 3
```

```
#define PIN_ECHO 2
```

```
void setup() {
```

```
  Serial.begin(115200);
```

```
  pinMode(PIN_TRIG, OUTPUT);
```

```
  pinMode(PIN_ECHO, INPUT);
```

```
}
```

```
void loop() {
```

```
  // Start a new measurement:
```

```
  digitalWrite(PIN_TRIG, HIGH);
```

```
  delayMicroseconds(10);
```

```
  digitalWrite(PIN_TRIG, LOW);
```

```
  // Read the result:
```

```
  int duration = pulseIn(PIN_ECHO,  
HIGH);
```

```
  Serial.print("Distance in CM: ");
```

```
  Serial.println(duration / 58);
```

```
  Serial.print("Distance in inches: ");
```

```
  Serial.println(duration / 148);
```

```
  delay(1000);
```

```
}
```