HUMIDITY READING USING ARDUINO UNO

```
#define DHT PIN 2 // Digital pin connected to the DHT11 sensor
void setup()
 Serial.begin(9600);
}
void loop()
{
 // Read the analog value from the DHT11 sensor
 int analogValue = analogRead(DHT PIN);
 // Map the analog value to a humidity percentage (assuming linearity)
 float humidity = map(analogValue, 204, 736, 0, 100);
 // Print the humidity value
 Serial.print("Humidity: ");
 Serial.print((int)humidity); // Convert to integer for readability
 Serial.println(" %");
 delay(1000); // Update readings every second
}
```

