

Project Development Phase
Sprint-2

Date	7 November 2022
Team ID	PNT2022TMID24257
Project Name	Industry Specific-Intelligent Fire Management System
Maximum Marks	2

```
#include "DHT.h"
```

```
#define DHTPIN 2
```

```
#define DHTTYPE DHT22
```

```
DHT dht(DHTPIN, DHTTYPE);
```

```
void setup() {
```

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

```
    dht.begin();
```

```
}
```

```
void loop() {
```

```
    delay(1000);
```

```
    float h = dht.readHumidity();
```

```
    float t = dht.readTemperature();
```

```
    if (isnan(h) || isnan(t) || isnan(f)) {
```

```
        Serial.println("Failed to read from DHT sensor!");
```

```
        return;
```

```
    }
```

```
    Serial.print("Humidity: ");
```

```
    Serial.print(h);
```

```
Serial.print(" %\t");  
Serial.print("Temperature: ");  
Serial.print(t);  
}
```