

Project Development Phase

Sprint 2

Date	29 October 2022
Team ID	PNT2022TMID20420
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);  
}
```