

### SPRINT 1

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Team ID	PNT2022TMID25425
Project Name	Project — Smart Farmer-IoT Enabled smart Farming Application

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Connecting Sensors with Arduino using C++ code

```
#include "Arduino.h"
```

```
#include "dht.h" #include
```

```
"SoilMoisture.h"
```

```
#define dht_apin AO const int sensor_pin
```

```
= A1; //soil moisture int pin_out = 9; dht
```

```
DHT11, int c=0; void setup()
```

```
pinMode(2, INPUT); //Pin 2 as INPUT
```

```
pinMode(3, OUTPUT); //PIN 3 as OUTPUT
```

```
pinMode(9, OUTPUT); //output for pump
```

```
void loop()
```

```
if (digitalRead(2) == HIGH)
```