**Adam alghannous**

Setup {

TMP102 Temperature sensor has 0x4A I2C address

Enter Database Credentials

Try to make Connection with the database

If (Connection failed){

Ask for correct credentials

} Else {

Connection Successful

}

}

Loop {

Turn sensor on to start temperature measurement.

Read temperature data.

Print temperature.

Insert temperature readings into the database.

Insert voltage readings in the database.

}

**Tech 104 Programming fundamentals**

**Kevin Antonio N01297781**

**Part 2 Pseudo code:**

int main ()

{

Declare temp as float integer

Scanf gives temp a value

if temp is greater than 68 and less than 76

{

Printf your drone is reaching unsafe battery temperature. Please allow the battery to cool down

}

Else if temp is greater than 76

{

Printf WARNING! your drone’s battery is over heating SHUT OFF drone IMMEDIATELY.

}

**Grades**

**Kevin Antonio 5/5**

**Adam alghannous 5/5**