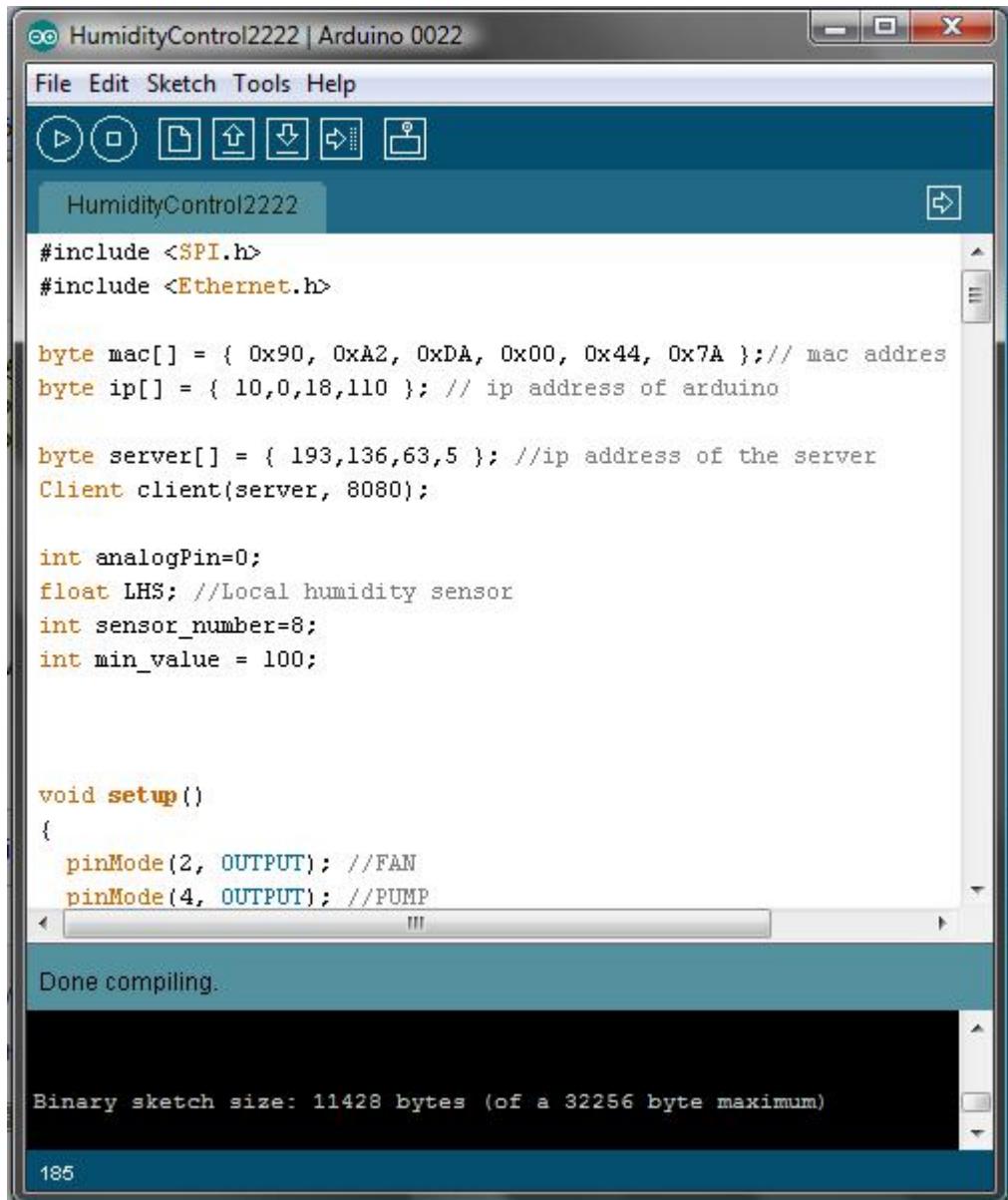


Humidifier controlling program:

[humidifiercontrol2222.rtf](#)

(Already tested without connection, working well)

Syntactically correct:



The screenshot shows the Arduino IDE interface with the title bar "HumidityControl2222 | Arduino 0022". The menu bar includes File, Edit, Sketch, Tools, and Help. Below the menu is a toolbar with icons for play, stop, upload, and others. The main code editor window contains the following C++ code:

```
#include <SPI.h>
#include <Ethernet.h>

byte mac[] = { 0x90, 0xA2, 0xDA, 0x00, 0x44, 0x7A };// mac address
byte ip[] = { 10,0,18,110 };// ip address of arduino

byte server[] = { 193,136,63,5 };//ip address of the server
Client client(server, 8080);

int analogPin=0;
float LHS; //Local humidity sensor
int sensor_number=8;
int min_value = 100;

void setup()
{
  pinMode(2, OUTPUT); //FAN
  pinMode(4, OUTPUT); //PUMP
}

void loop()
{
  float LHS = analogRead(analogPin);
  if(LHS < min_value)
  {
    client.println("GET /?val=" + String(LHS));
    client.println("HTTP/1.1");
    client.println("Host: 193.136.63.5");
    client.println("Connection: close");
    client.println();
  }
  else
  {
    client.println("GET /?val=" + String(LHS));
    client.println("HTTP/1.1");
    client.println("Host: 193.136.63.5");
    client.println("Connection: close");
    client.println();
  }
}
```

The status bar at the bottom shows "Done compiling." and "Binary sketch size: 11428 bytes (of a 32256 byte maximum)". The number "185" is also visible.

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