

The image shows the Arduino IDE interface with the ESP32 Dev Module selected. The code in the main editor is as follows:

```
1 #include <Ultrasonic.h>
2 #include <BluetoothSerial.h>
3
4 #if defined(CONFIG_BT_ENABLED) || defined(CONFIG_BLE_ENABLED)
5 //Error: Bluetooth is not enabled! Please run "make menuconfig" to enable it
6 #endif
7
8 #define RELAY_PIN1 19
9 #define RELAY_PIN2 22
10 BluetoothSerial SerialBT;
11
12 int received=0; // received value will be stored in this variable
13 char receivedChar='b'; // received value will be stored as CHAr in this variable
14
15
16 const char turnON1 = 'a';
17 const char turnOFF1 = 'b';
18 const char turnON2 = 'c';
19 const char turnOFF2 = 'd';
20
21 const int LEDpin = 18;
22
23
24 int motor1Pin1 = 27; //GPIO PINS CONNECTED TO MOTOR DRIVER
25 int motor1Pin2 = 26; //GPIO PINS CONNECTED TO MOTOR DRIVER
26
27 int enable1Pin = 14; //GPIO PINS FOR ULTRASONIC SENSOR
28
29
30 int trigPin = 12; //GPIO PINS FOR ULTRASONIC SENSOR
31 int echoPin = 13; //GPIO PINS FOR ULTRASONIC SENSOR
32
33
34 int motor2Pin1 = 25; //GPIO PINS FOR ULTRASONIC SENSOR
35 int motor2Pin2 = 32; //GPIO PINS FOR ULTRASONIC SENSOR
36 int enable2Pin = 33; //GPIO PINS FOR ULTRASONIC SENSOR
37
38 Ultrasonic ultrasonic(trigPin,echoPin);
39
40
41 int distance;
42
```

The output window shows the following compilation errors:

```
cmd /c: If 0-1 COM7: "C:\Users\Admin\AppData\Local\Arduino15\packages\esp32\hardware\esp32\1.0.11\tools\ide-debug\esp32_ide.exe" "C:\Users\Admin\Downloads\Test1\debug_custom.json"
cmd /c: If 0-1 COM7: "C:\Users\Admin\AppData\Local\Arduino15\packages\esp32\hardware\esp32\1.0.11\tools\ide-debug\esp32_ide.exe" "C:\Users\Admin\Downloads\Test1\debug_custom.json"
Multiple libraries were found for "BluetoothSerial.h":
  Used: C:\Users\Admin\AppData\Local\Arduino15\packages\esp32\hardware\esp32\1.0.11\libraries\BluetoothSerial
  Not used: C:\Users\Admin\Documents\Arduino\libraries\BluetoothSerial
Using library Ultrasonic at version 3.0.0 in folder: C:\Users\Admin\Documents\Arduino\libraries\Ultrasonic
Using library BluetoothSerial at version 2.0.0 in folder: C:\Users\Admin\AppData\Local\Arduino15\packages\esp32\hardware\esp32\1.0.11\libraries\BluetoothSerial
C:\Users\Admin\AppData\Local\Arduino15\packages\esp32\tools\xtensa-esp32-elf-gcc\esp-2021r2-patch5-8.4.0/bin/xtensa-esp32-elf-size -A "C:\Users\Admin\AppData\Local\Temp\arduino\sketches\A6F687B013CFE026F68A08E79E1F7E1F\sketch"
sketch uses 185110 bytes (86%) of program storage space. Maximum is 3145728 bytes.
Global variables use 38556 bytes (11%) of dynamic memory, leaving 280124 bytes for local variables. Maximum is 327680 bytes.
```

[illegible]