

## Laboratory 0

## Getting Started with PlatformIO IDE

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1/23/25

## Step 1: Install Visual Studio Code

No issues application was already installed

## Step 2: Installing Extensions

No issues all extensions were already installed.

### Step 3: Creating a Project

No Issues, created project called Lab00 for the arduino mega board.

Code

```
#include <Arduino.h>
```

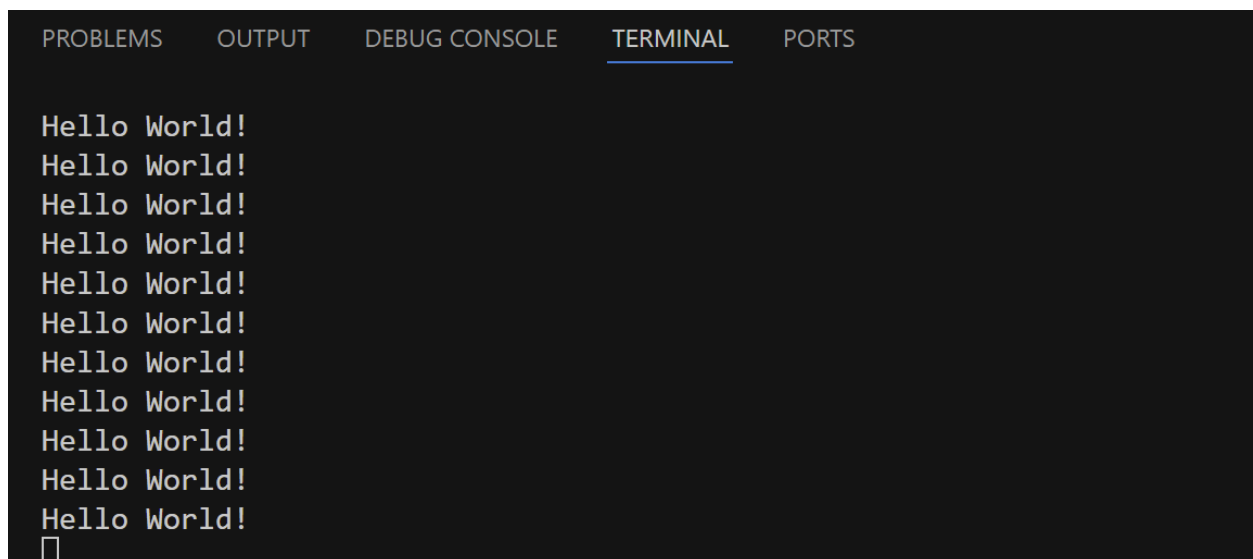
```
void setup() {
```

```
Serial.begin(9600);
}
```

```
void loop() {  
  Serial.println("Hello World!");  
  delay(1000);  
}
```

}

## Demo



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### Conclusion

This lab was done individually (No partners assigned or talked about in lab) and had no issues as all software and extensions were already installed due to prior classes and project. Writing the code was done simply as I have prior experience in writing embedded code.