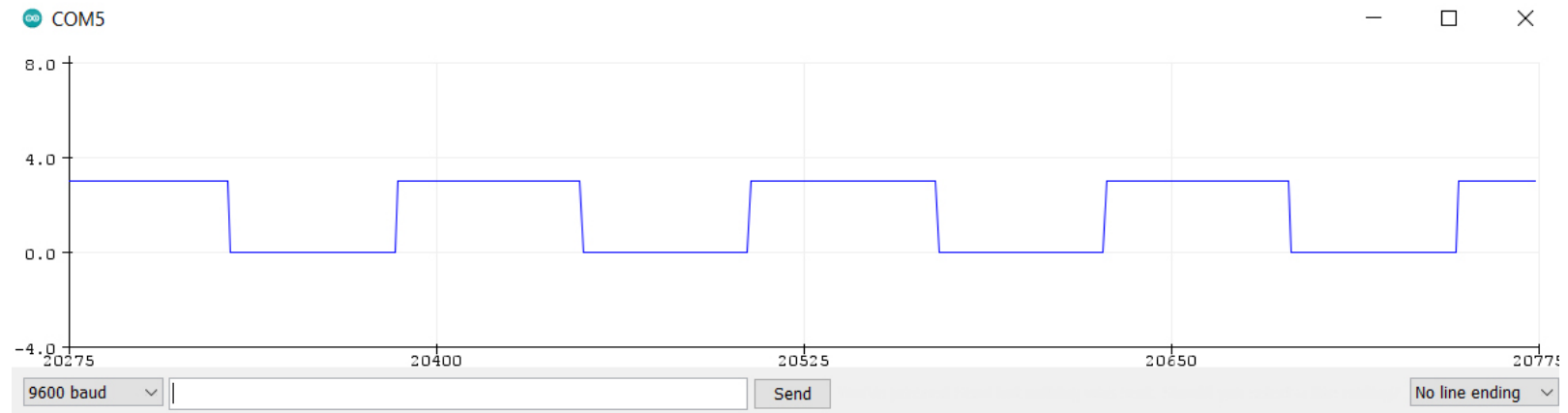


# Arduino Plotter

1. Write a sketch that read A0, maps it to a voltage between 0 – 5 volts, and then print it to the Serial Plotter.



# Ans

```
const int potPin = A0;  
float circuit=0;
```

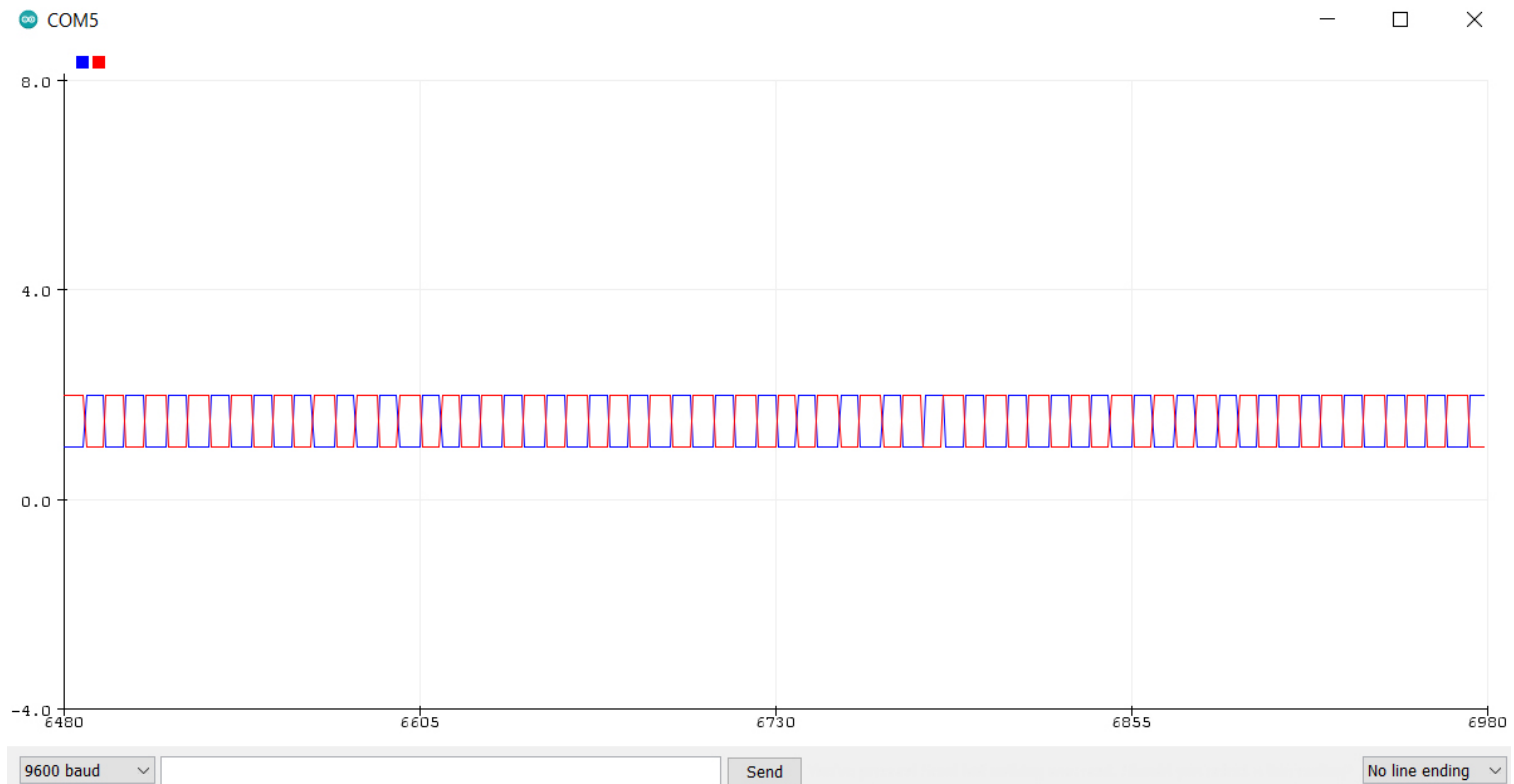
```
void setup() {  
  // put your setup code here, to run once:
```

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

```
void loop() {  
  // put your main code here, to run repeatedly:  
  circuit=map(analogRead(potPin),0,2013,0,5);  
  Serial.println(circuit);  
}
```

# Arduino Plotter

1. Write a sketch that read A0 and A1, maps them to a voltage between 0 – 5 volts, and then print it to the Serial Plotter.



# Ans

```
const int potPin = A0;  
float circuit=0;  
const int potPin2 = A1;  
float circuit2=0;
```

```
void setup() {  
  Serial.begin(9600);  
}
```

```
void loop() {  
  circuit=map(analogRead(potPin),0,2013,0,5);  
  Serial.print (circuit);  
  Serial.print(" ");  
  circuit2=map(analogRead(potPin2),0,2013,0,5);  
  Serial.println(circuit2);  
}
```