

## Project Development

### Delivery of sprint-1

Date	25 September 2022
Team ID	PNT2022TMID49512
Project Name	Signs with smart connectivity for better road safety.
Maximum Marks	2 Marks

#### Sprint-1: Coding

```
#include <LiquidCrystal.h>

#include <Firmata.h>

LiquidCrystal lcd(9, 8, 5, 4, 3, 2);

int lastLine = 1;

void stringDataCallback(char *stringData){

    if ( lastLine ) {

        lastLine = 0;

        lcd.clear();

    } else {

        lastLine = 1;

        lcd.setCursor(0,1);

    }

    lcd.print(stringData);

}

void setup() {

    lcd.begin(16,2);

    Firmata.setFirmwareVersion( FIRMATA_MAJOR_VERSION,FIRMATA_MINOR_VERSION );

    Firmata.attach( STRING_DATA, stringDataCallback);

    Firmata.begin();

}
```

```
void loop() {  
    while ( Firmata.available() ) {  
        Firmata.processInput();  
    }  
}
```