PRACTICAL REPORT

For IoT Practical

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⬚ 4.15 – Serial Communication -

Create a file containing information received over the serial port from Arduino – one kind of log file.

⬚ Processing IDE Code:

⬚

```
import processing.serial.*;

Serial myPort; // Create object from Serial class

int portIndex = 0; // set this to the port connected to Arduino

int val; // Data received from the serial port


void setup()
{
        size(200, 200);
        println(" Connecting to -> '/dev/ttyUSB0' ");
        myPort = new Serial(this, "/dev/ttyUSB0", 9600);
}
void draw()
{
        if ( myPort.available() > 0) // If data is available,
        {
                val = myPort.read(); // read it and store it in val
                print(val);
        }
}
```
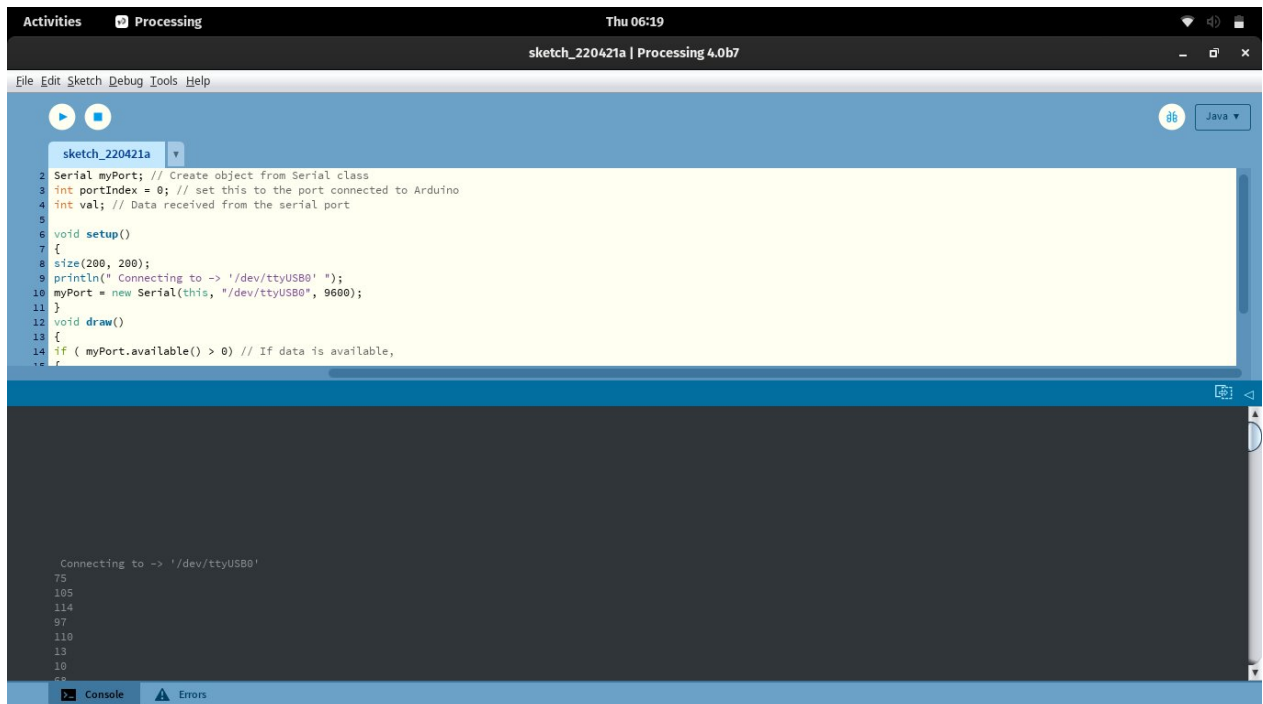
Output: