













```
//A7_Client.cpp
```

```
//Adapted from  
https://github.com/adafruit/Adafruit\_GPS/blob/master/Adafruit\_GPS.cpp
```

```
//Adafruit GPS library
```

```
//16 Nov 2016 Capstone Project Water  
Quality Monitoring System
```

```
#include "A7Client.h"
```

```
#define A7Client_ENABLE_DEBUG
```

```
#define A7Client_ENABLE_RESP_DEBUG
```

```
SoftwareSerial* serialA7 = NULL;
```

```
// how long are max NMEA lines to parse?
```

```
#define MAXLINELENGTH 100
```

```
// we double buffer: read one line in and  
leave one for the main program
```

```
volatile char line1[MAXLINELENGTH];
```

```
volatile char line2[MAXLINELENGTH];
```

```
// our index into filling the current line
```