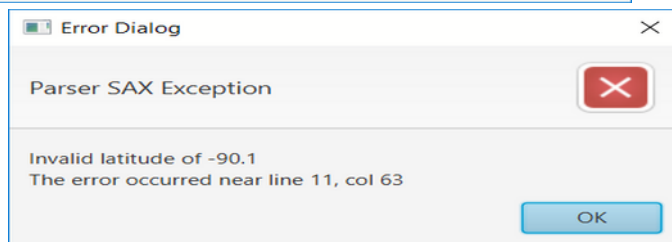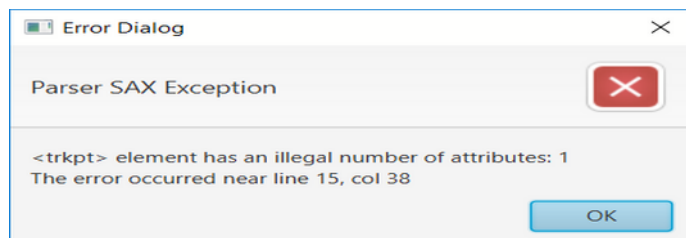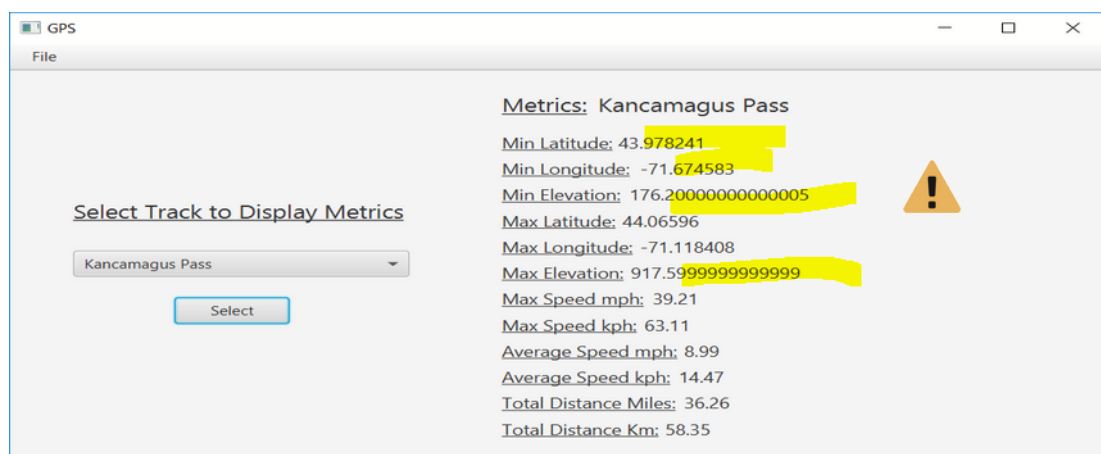**Additional tests I did on invalid files we didn't cover during the demo indicated that all error conditions are handled correctly (examples at right).**

Error Dialog ✕

Parser SAX Exception ❌

<trkpt> element has an illegal number of attributes: 1
The error occurred near line 15, col 38

[OK]

Error Dialog ✕

Parser SAX Exception ❌

Invalid latitude of -90.1
The error occurred near line 11, col 63

[OK]

I found a few errors I missed during the demo:
1) Elevation should be displayed in meters and feet.
2) All metrics should be displayed to only 2 decimal places of precision

GPS — □ ✕

File

Metrics: Kancamagus Pass

Select Track to Display Metrics

[Kancamagus Pass ▼]

[Select]

Min Latitude: 43.978241
Min Longitude: -71.674583
Min Elevation: 176.20000000000005
Max Latitude: 44.06596
Max Longitude: -71.118408
Max Elevation: 917.5999999999999
Max Speed mph: 39.21
Max Speed kph: 63.11
Average Speed mph: 8.99
Average Speed kph: 14.47
Total Distance Miles: 36.26
Total Distance Km: 58.35

⚠

All unit tests ran for me, but I found some issues in the unit test code; see comments in my grading commit/push.

Grade: A- (low A)