Google and Apple are integrating new tactics in tracking a phone. Whenever the phone is surrounded by objects that create a poor GPS signal, the phone begins to utilize a barometric pressure reading to calculate the phone’s elevation or altitude. Develop a Java algorithm that takes in the phone’s barometric pressure and calculates the elevation height within 3 feet or 1 meter. Most GPS readings give you a 3-meter accuracy, and we are wanting to improve accuracy.

<https://www.mide.com/air-pressure-at-altitude-calculator>

To test this theory, you can implement the algorithm on an Android device using Android Studio or MIT ai2.