File	Line	Statement	Mutation_Operator
LocationEntity.java	67	Location.distanceBetween(lastLocation.getLatitude(), lastLocation.getLongitude(), this.getLatitude(), this.getLongitude(), res);	ReplaceCompatibleTypeDeviceGetMethods
LocationEntity.java	71	elapsed += this.getTime() - lastLocation.getTime();	ReplaceCompatibleTypeDeviceGetMethods
ActivyCleaner.java	90	Location l = new Location("Dill poh");	NullDeviceInstanceDeclaration
ActivyCleaner.java	112	double diffDist = l.distanceTo(_lastLocation);	ReplaceCompatibleTypeDeviceGetMethods
ActivyCleaner.java	116	long diffTime = l.getTime() - _lastLocation.getTime();	ReplaceCompatibleTypeDeviceGetMethods
ActivyCleaner.java	241	Location l = new Location("Dill poh");	NullDeviceInstanceDeclaration
ActivyCleaner.java	264	float d1 = p[0].distanceTo(p[1]);	ReplaceCompatibleTypeDeviceGetMethods
ActivyCleaner.java	265	float d2 = p[0].distanceTo(l);	ReplaceCompatibleTypeDeviceGetMethods
PathSimplifier.java	63	return point.getLatitude() * PathSimplifier.MULTIPLIER;	ReplaceCompatibleTypeDeviceGetMethods
PathSimplifier.java	68	return point.getLongitude() * PathSimplifier.MULTIPLIER;	ReplaceCompatibleTypeDeviceGetMethods
PathSimplifier.java	175	Location l = new Location(String.format(Locale.US, "%d", c.getInt(0)));	NullDeviceInstanceDeclaration
TCX.java	346	Location.distanceBetween(last_lat, last_longi, lat, longi, d);	ReplaceCompatibleTypeDeviceGetMethods
RunnerUpLiveSynchronizer.java	183	Location location = workoutInfo.getLastKnownLocation();	NullDeviceInstanceDeclaration
TrackerGPS.java	64	LocationManager lm = (LocationManager) context.getSystemService(Context.LOCATION_SERVICE);	NullDeviceInstanceDeclaration
TrackerGPS.java	68	if (lm.getProvider(LocationManager.GPS_PROVIDER) == null)	RandomLocationProviderDeviceReplacement
TrackerGPS.java	96	LocationManager lm = (LocationManager) context.getSystemService(Context.LOCATION_SERVICE);	NullDeviceInstanceDeclaration
TrackerGPS.java	101	lm.requestLocationUpdates(GPS_PROVIDER, frequency_ms, frequency_meters, tracker);	RandomLocationProviderDeviceReplacement
TrackerGPS.java	116	Location tmp = lm.getLastKnownLocation(s);	NullDeviceInstanceDeclaration
TrackerGPS.java	116	Location tmp = lm.getLastKnownLocation(s);	RandomLocationProviderDeviceReplacement
TrackerGPS.java	117	if (mLastLocation == null || tmp.getTime() > mLastLocation.getTime()) {	ReplaceCompatibleTypeDeviceGetMethods
TrackerGPS.java	146	LocationManager lm = (LocationManager) context.getSystemService(Context.LOCATION_SERVICE);	NullDeviceInstanceDeclaration
TrackerGPS.java	148	lm.removeUpdates(tracker);	DeletionDeviceMethods
TrackerGPS.java	170	location = new Location(mLastLocation);	NullDeviceInstanceDeclaration
TrackerGPS.java	187	handler.postDelayed(this, frequency_ms);	DeviceVariablesOperator
GpsStatus.java	91	LocationManager lm = (LocationManager) context.getSystemService(Context.LOCATION_SERVICE);	NullDeviceInstanceDeclaration
GpsStatus.java	93	Objects.requireNonNull(lm).requestLocationUpdates(LocationManager.GPS_PROVIDER, 0, 0, this);	NullReferenceDeviceMethods
GpsStatus.java	100	mGnssStatusCallback = new GnssStatus.Callback()	BuggyDeviceCallback
GpsStatus.java	101	public void onSatelliteStatusChanged(@NonNull GnssStatus status)	TrapDeviceCallback
GpsStatus.java	111	locationManager.registerGnssStatusCallback(mGnssStatusCallback);	DeletionDeviceMethods
GpsStatus.java	124	locationManager.unregisterGnssStatusCallback(mGnssStatusCallback);	DeletionDeviceMethods
GpsStatus.java	130	locationManager.removeUpdates(this);	DeletionDeviceMethods
GpsStatus.java	175	if (status == LocationProvider.OUT_OF_SERVICE || status == LocationProvider.TEMPORARILY_UNAVAILABLE)	RandomLocationProviderDeviceReplacement
GpsStatus.java	244	LocationManager lm = (LocationManager) context.getSystemService(Context.LOCATION_SERVICE);	NullDeviceInstanceDeclaration
GpsStatus.java	246	return Objects.requireNonNull(lm).isProviderEnabled(LocationManager.GPS_PROVIDER);	RandomLocationProviderDeviceReplacement
GpsStatus.java	246	return Objects.requireNonNull(lm).isProviderEnabled(LocationManager.GPS_PROVIDER);	SwitchConditionalDeviceMethod
LocationListenerBase.java	51	public void onLocationChanged(@NonNull Location arg0)	TrapDeviceCallback
LocationListenerBase.java	60	public void onProviderDisabled(@NonNull String provider)	TrapDeviceCallback
LocationListenerBase.java	69	public void onProviderEnabled(@NonNull String provider)	TrapDeviceCallback
LocationListenerBase.java	78	public void onStatusChanged(String provider, int status, Bundle extras)	TrapDeviceCallback
Tracker.java	626	public void onLocationChanged(@NonNull Location arg0)	TrapDeviceCallback
Tracker.java	647	double distDiff = arg0.distanceTo(mLastLocation);	ReplaceCompatibleTypeDeviceGetMethods
Tracker.java	650	float speed = arg0.getSpeed();	ReplaceCompatibleTypeDeviceGetMethods
Tracker.java	713	public void onProviderDisabled(@NonNull String arg0)	TrapDeviceCallback
Tracker.java	717	public void onProviderEnabled(@NonNull String arg0)	TrapDeviceCallback
Tracker.java	721	public void onStatusChanged(String arg0, int arg1, Bundle arg2)	TrapDeviceCallback
RunActivity.java	280	Location l2 = mTracker.getLastKnownLocation();	NullDeviceInstanceDeclaration
StartActivity	967	return l.getAccuracy();	ReplaceCompatibleTypeDeviceGetMethods
StartActivity	988	Location l = mTracker.getLastKnownLocation();	NullDeviceInstanceDeclaration
StartActivity	991	res += String.format(Locale.getDefault(), " [%1$s, %2$s/%3$s/s, %4$.1f/%5$.1f deg]", formatter.formatElevation(Formatter.Format.TXT_LONG, l.getVerticalAccuracyMeters()), formatter.formatElevation(Formatter.Format.TXT_SHORT, l.getSpeed()), formatter.formatElevation(Formatter.Format.TXT_LONG, l.getSpeedAccuracyMetersPerSecond()), l.getBearing(), l.getBearingAccuracyDegrees());	ReplaceCompatibleTypeDeviceGetMethods
AutoPauseTrigger.java	52	Location lastLocation = workout.getLastKnownLocation();	NullDeviceInstanceDeclaration
AutoPauseTrigger.java	54	long lastTime = lastLocation.getElapsedRealtimeNanos();	ReplaceCompatibleTypeDeviceGetMethods