IMPORTANT CODE SNIPLETS:

**public** **void** onLocationChanged(Location loc) {

loc2.setLatitude(erby);

loc2.setLongitude(erbx);

angle = loc.bearingTo(loc2);

distance = loc2.distanceTo(loc);

String s = Float.*toString*(angle);

String dist = Float.*toString*(distance);

txtgps.setText("Distance = " + dist + " m \n" + " Angle = " + s);

}

The above function finds the bearing and distance to the destination from the current location.

**public** **void** onSensorChanged(SensorEvent event) {

Sensor sensor = event.sensor;

**if** (sensor.getType() == Sensor.~~TYPE\_ORIENTATION~~) {

azimuth = Math.*round*(event.values[0]);

cv.setRotation(-azimuth +angle);

txtcomp.setText("Direction: " + Float.*toString*(azimuth));

}

}

The above piece of code uses the bearing and compass reading to change the direction of the arrow.

The complete source code will has been attached with these documents.