# toRadians ();

Inputs:

* Longitude/latitude

Outputs:

* latitude / longitude in radian form, converted to metric.

# distanceInKM(lat1, lon1, lat2, lon2);

Inputs:

* latitudes / longitudes

Outputs:

* distances in Kilometers between 2 sets of Longitude and Latitude.

# getClosestFestivalsKM( userLat, userLon);

Inputs:

* Users Latitude and Longitude
* festival.lat
* festival.lon
* distanceInKM(userLat, userLon, festival.lat, festival.lon);
* getUserLocation();

Outputs:

* f

# getUserLocation();

Inputs:

* No Inputs

Outputs:

* userLon
* userLat

# displayClosestFestivalsKM();

Inputs:

* getUserLocation();
* getClosestFestivalsKM (userlocation.lat, userlocation.lon);

Outputs:

* festival.name
* festival.distance