public static double PI = 3.141592653589793;

/\* 按照弧度制计算两点距离 \*/

public const double EARTH\_RADIUS = 6378.137;//地球半径km

public static double rad(double d)

{

return d \* Math.PI / 180.0;

}

/// <summary>

/// 利用两点的经纬度求两点的距离

/// </summary>

/// <param name="lng1">第一个点的经度</param>

/// <param name="lat1">第一个点的纬度</param>

/// <param name="lng2">第二个点的经度</param>

/// <param name="lat2">第二个点的纬度</param>

/// <returns>两点距离(m)</returns>

}

public static double GetDistance(double lng1, double lat1, double lng2, double lat2)

{

double radLat1 = rad(lat1);

double radLat2 = rad(lat2);

double a = radLat1 - radLat2;

double b = rad(lng1) - rad(lng2);

double s = 2 \* Math.Asin(Math.Sqrt(Math.Pow(Math.Sin(a / 2), 2) +

Math.Cos(radLat1) \* Math.Cos(radLat2) \* Math.Pow(Math.Sin(b / 2), 2)));

s = s \* EARTH\_RADIUS;

s = Math.Round(s \* 10000) / 10000;

return s;

}