

## **Post Codes Near UK Landmarks**

I have a list of UK Landmarks, I need a list of Postal Codes near these landmarks.

I want a list of “live” Post Codes within a 500 meter radius of the location of the landmark. Please limit the Post Codes to a list of 10, and sort them by distance from the landmark.

Post Codes in the UK use two values **Easting** and **Northing** (defined in meters) to place a location on the UK Geographic Grid.

I would like the following fields output:

For the Landmark:

- The Landmark name**
- The country**
- The elevation**

For each Post Code:

- Post Code**
- Distance from Landmark**

Files available:

- UKPostcodesElevation.csv**
- Ukpostcodes.csv**
- Landmarks.txt**

Assignment checklist:

The Tower Of London has Post Code: EC3N 4AB.

The Easting is 533602, the Northing is 180570.

The output for the Tower of London should look like:

Tower of London: EC3N 4AB, England, 10

EC3N 4AE	0.00
EC3N 4DR	163.20
E1W 1AY	178.76
E1W 1UN	178.76
E1W 1XB	178.76
E1W 1YL	178.76
E1W 1LE	185.54
E1W 1DD	190.63
EC3N 4EE	203.23
E1W 1BA	204.52