#### **ASSIGNMENT - 3**

Satellite/ Aerial Image Retrieval



Language and Packages Used

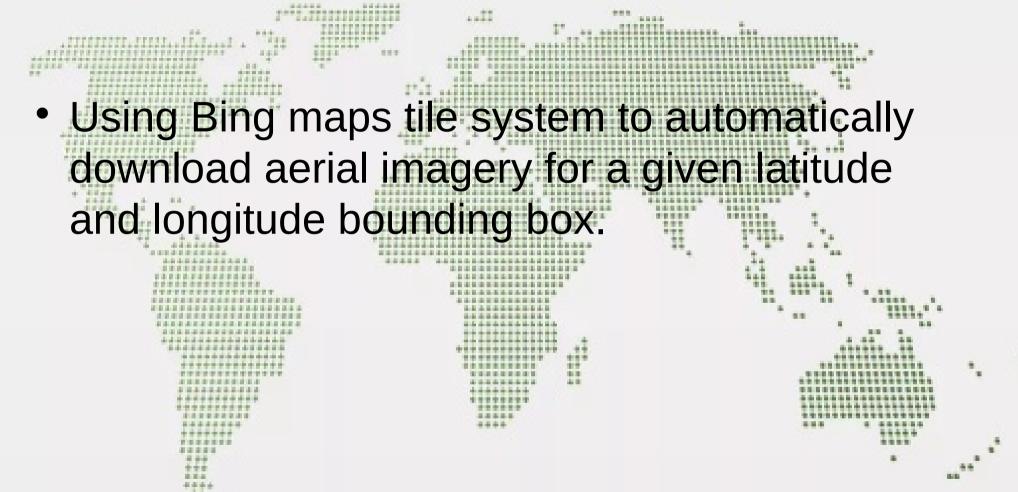


Input



Highest zoom level possible (Level 23).

#### Goal



Steps



### Steps For Retrieving High Resolution Image

- We are assigning base level with 23 to the first tile point P, and we start our initial testing with that tile point.
- An image will be retrieved by decreasing the zoom level.
- So, if a clear image is retrieved then the zoom level is fixed.

# Steps For Retrieving High Resolution Image Contd..

- Using that fixed zoom level, all other tiles are processed.
- Each and every tile may have individual zoom levels.
- Now we store the data of tile number and its respected zoom level.

# Steps For Retrieving High Resolution Image Contd..

- And, then we find the minimum zoom level amongst all the zoom levels.
- Now, we assign the minimum zoom level for every tile.
- Finally, we attach every tile to get the max resolution image.

### Result

