**//Part (a) solution**

public SkyView(int numRows, int numCols, double[] scanned)

{

view = new double[numRows][numCols];

int i = 0;

for(int r = 0; r < view.length; r++)

{

if(r % 2 == 0)

{

for(int c = 0; c < view[0].length; c++)

{

view[r][c] = scanned[i];

i++;

}

}

else

{

for(int c = view[0].length - 1; c >= 0; c--)

{

view[r][c] = scanned[i];

i++;

}

}

}

}

**//Part (b) solution**

public double getAverage(int startRow, int endRow,

int startCol, int endCol)

{

double sum = 0.0;

int count = 0;

for(int r = startRow; r <= endRow; r++)

{

for(int c = startCol; c <= endCol; c++)

{

sum += view[r][c];

count++;

}

}

return sum/count;

}