public static int main(String args[]){

int[60][60] array;

int key;

for(int i= 0; i < 60; i ++){

for(int j= 0; j < 60; j ++){

array[i][] = i+j;

}

}

for(int i= 0; i < 60; i ++){

contains( array, i);

}

}

boolean contains(int[i][j] array, int key){

for(int k =0; k< array.length()/2; k++){

int[k][] q1= new int[copyOfRange(array[k], 0, ((array.length())/2)-1)];

int [k][] q3= new int[copyOfRange(array[k], (array.length())/2, array.length()-1];

}

for(int k = array.length()/2; k< array.length(); k++){

int[k][] q2= new int[copyOfRange(array[k], 0, ((array.length())/2)-1)];

int [k][] q3= new int[copyOfRange(array[k], array.length()/2, array.length()-1];

}

if (array.length() == 0){

return;

} else {

if(key == array[array.length-1][array.length-1]){

return true;

} else if(key < q1[q1.length()-1][q1.length()-1]){

contains( q1, key);

} else if (key < q2[q2.length()-1][q2.length()-1]){

contains( q2, key);

} else if (key < q3[q3.length()-1][q3.length()-1]){

contains( q3, key);

} else if (key < q4[q4.length()-1][q4.length()-1]){

contains( q4, key);

} else {

return false;

}

}

}