

```
public static int[] getColumn(int[][] array2d, int c){  
    int length = array2d.length;  
    int[] array = new int[length];  
    for(int i = 0; i < length; i++){  
        array[i] = array2d[i][c];  
    }//end for loop  
    return array;  
}//end getColumn method
```

```
public static boolean isLatin(int[][] square){
    int length = square.length;
    for(int i = 0; i < length; i++){
        if(containsDuplicates(square[i])){
            return false;
        } //end if statement
    } //end for loop

    for(int a = 1; a < length; a++){
        if(!hasAllValues(square[0], getColumn(square, a))){
            return false;
        } //end if statement
    } //end for loops

} //end isLatin method
```