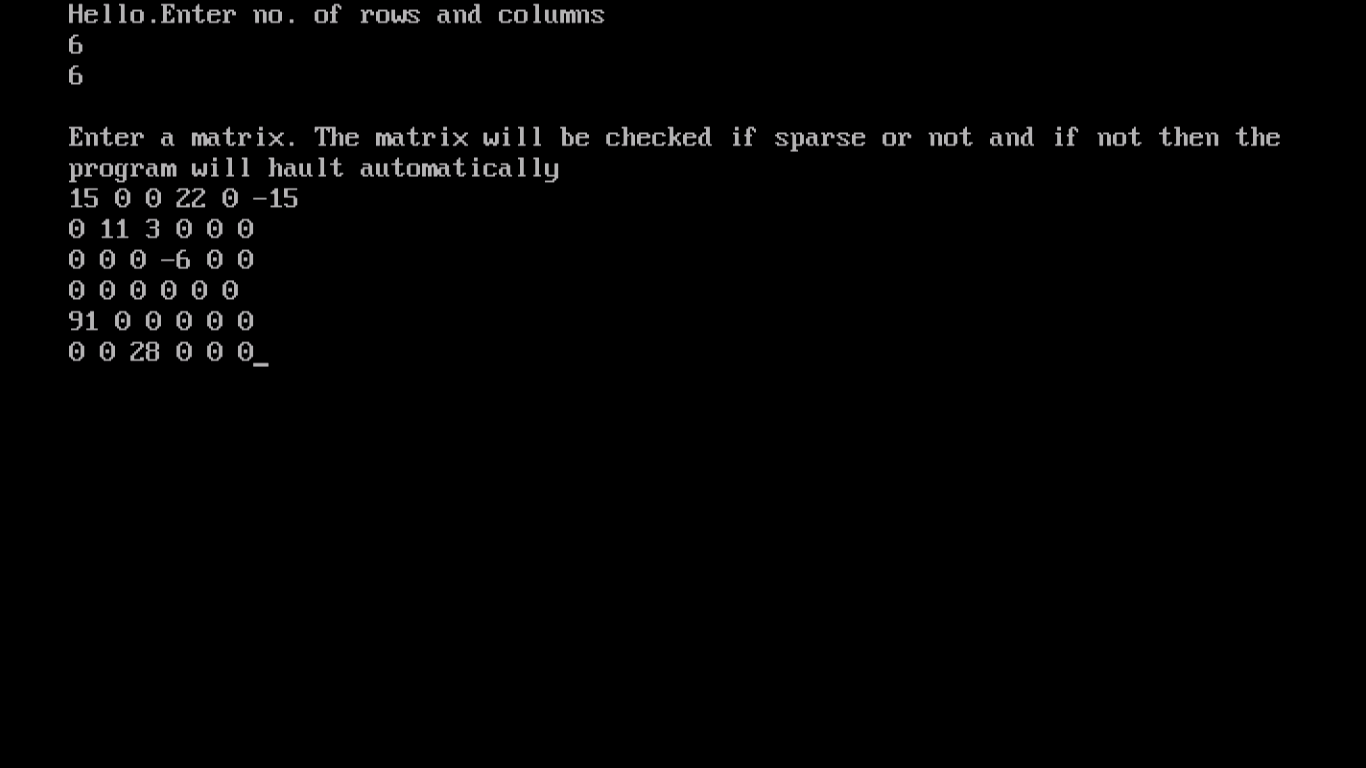
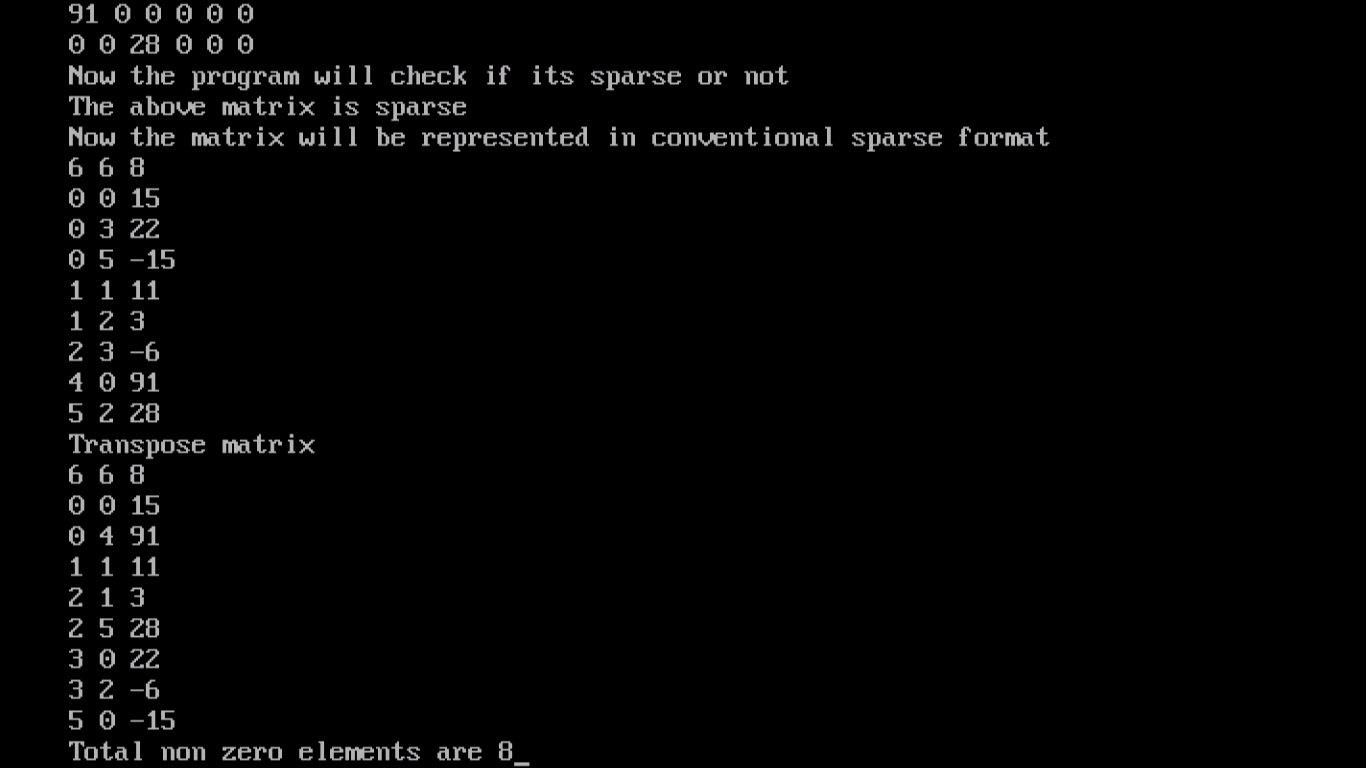
**Output:-**

When a sparse matrix is entered





When a matrix is entered, that is not sparse

