1. Write a function swapStrings which swaps the strings in two character arrays without using any third array.
2. Write a function swapInts which swaps the values of two integer variables without using a third variable.
3. Write a function matrixMultiplication which is passed three 2d arrays along with their sizes. Your function will perform matrix multiplication on two arrays and store the result in the third array.
4. Write a C++ **function** to print the pattern of a kite. The function takes the height of the upper portion of the kite as parameter. Some samples are given below:

A picture containing graphical user interface

Description automatically generated

Chart, scatter chart

Description automatically generated

Chart

Description automatically generated