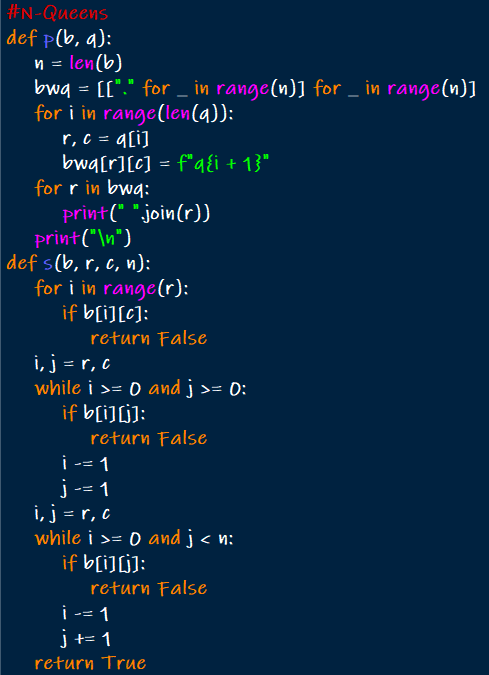
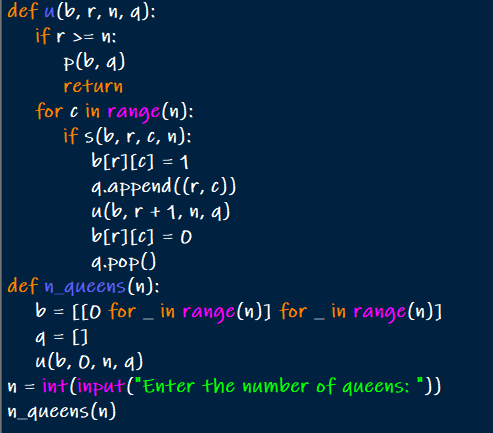
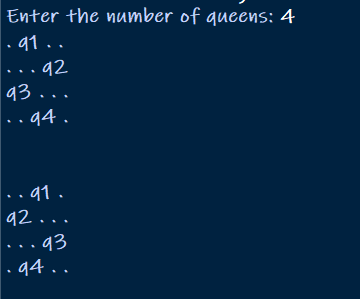
1. Queens:

CODE:



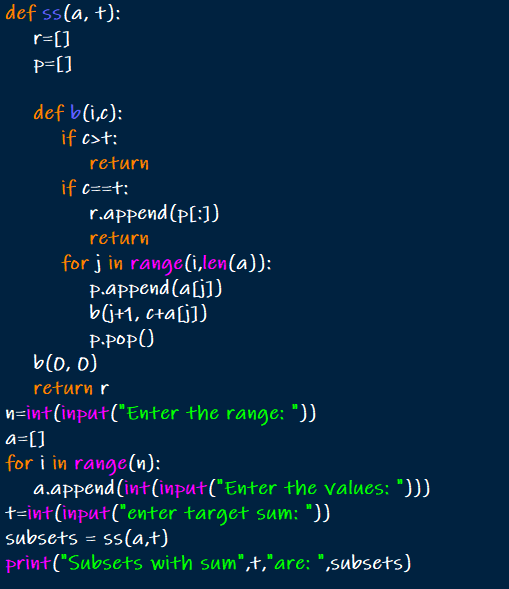


OUTPUT:

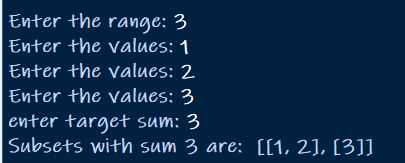


Sum of Subsets:

CODE:

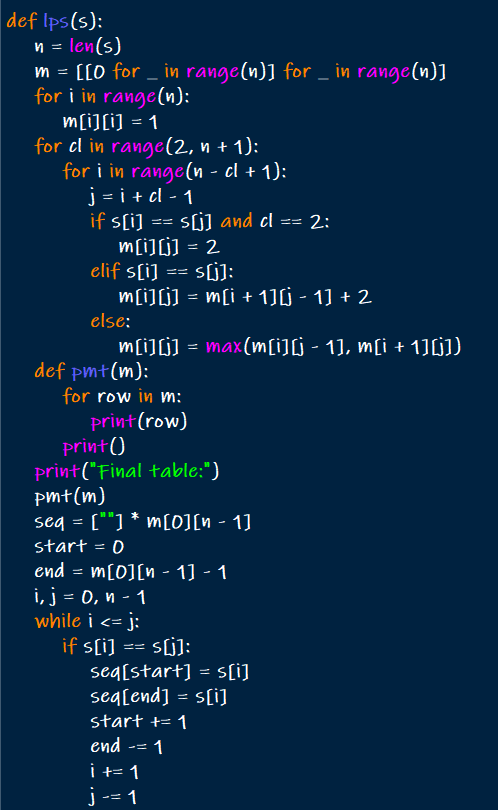


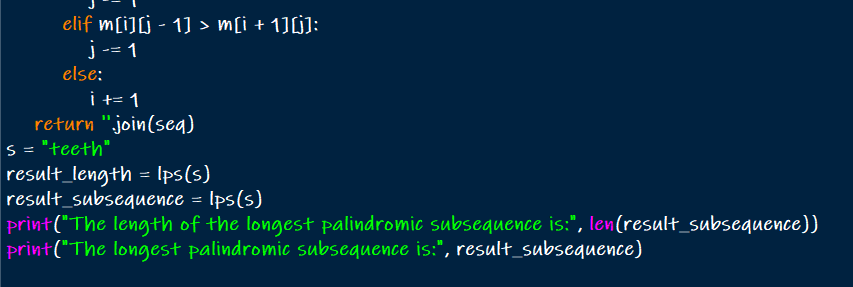
OUTPUT:



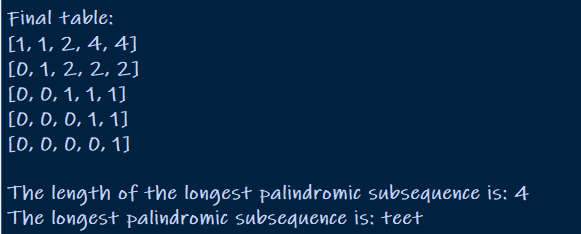
Longest palindrome subsequence:

CODE:



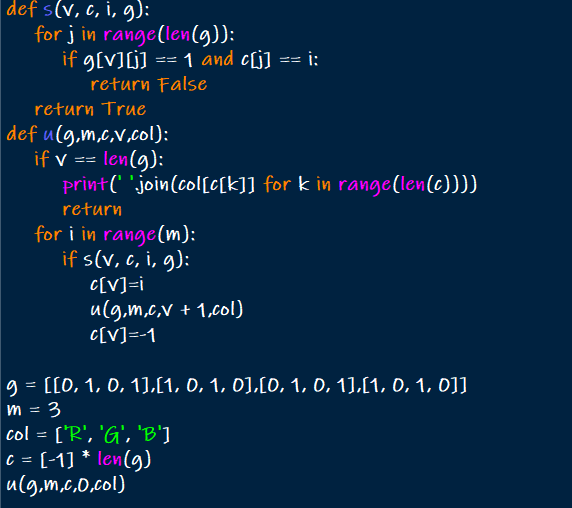


OUTPUT:



Graph Coloring:

CODE:



OUTPUT:

