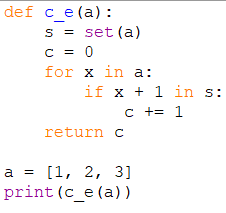
LAB 4

1. Counting Elements

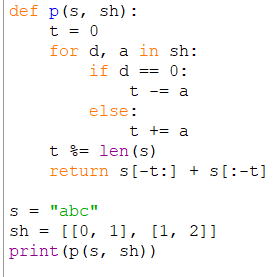
PROGRAM:



OUTPUT:

1. Perform String Shifts

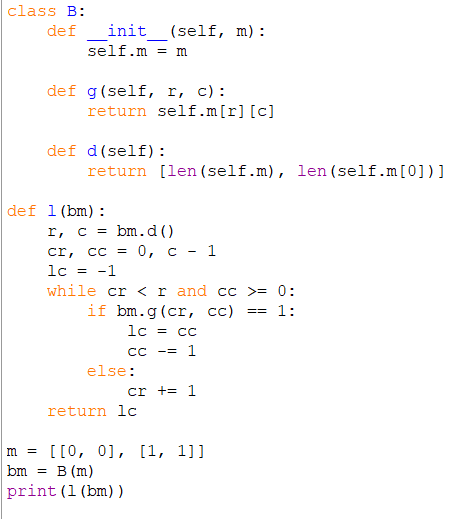
PROGRAM:



OUTPUT:

1. Leftmost Column with at Least a One

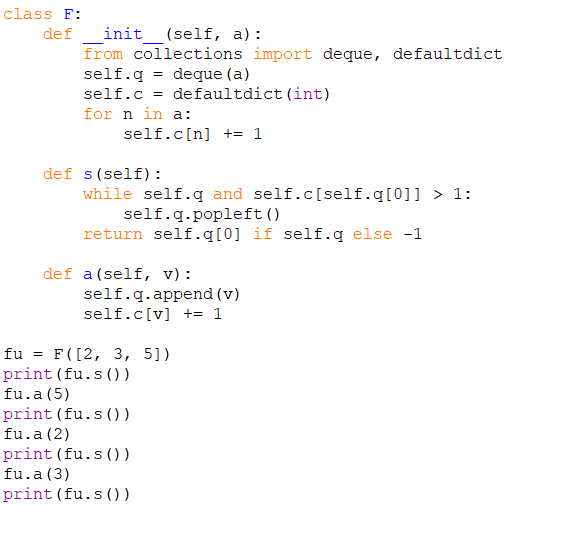
PROGRAM:



OUTPUT:

1. First Unique Number

PROGRAM:

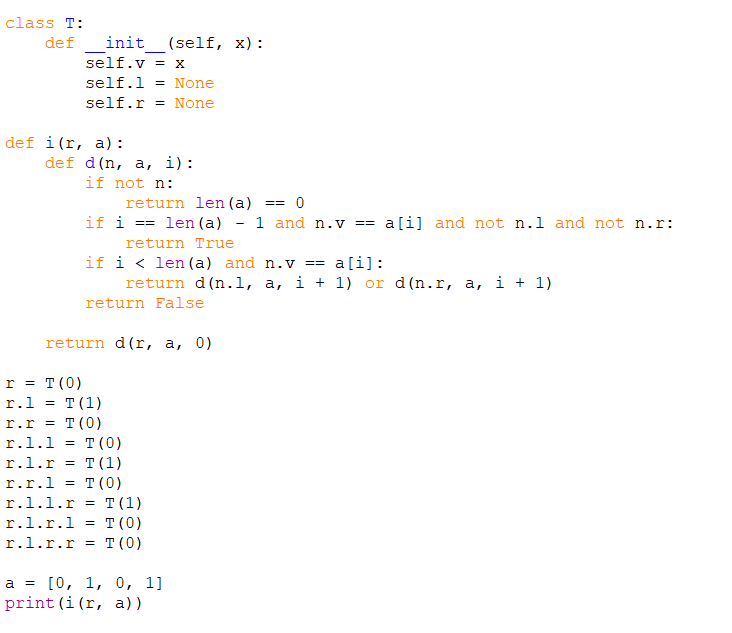


OUTPUT:



1. Check If a String Is a Valid Sequence from Root to Leaves Path in a Binary Tree

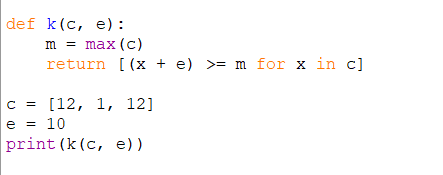
PROGRAM:



OUTPUT:

1. Kids With the Greatest Number of Candies

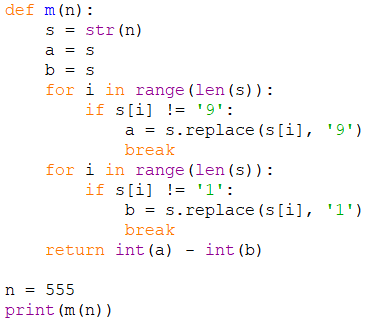
PROGRAM:



OUTPUT:

1. Max Difference You Can Get From Changing an Integer

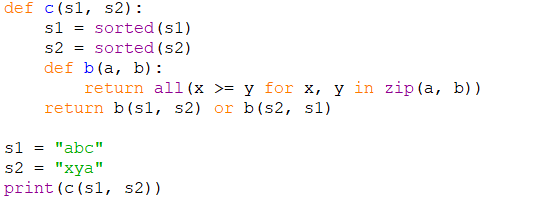
PROGRAM:



OUTPUT:

1. Check If a String Can Break Another String

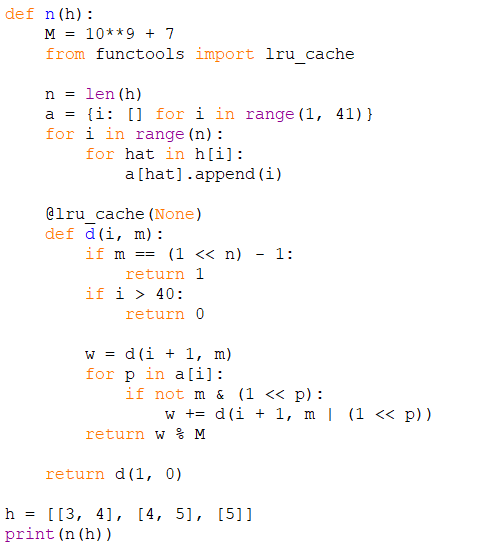
PROGRAM:



OUTPUT:

1. Number of Ways to Wear Different Hats to Each Other

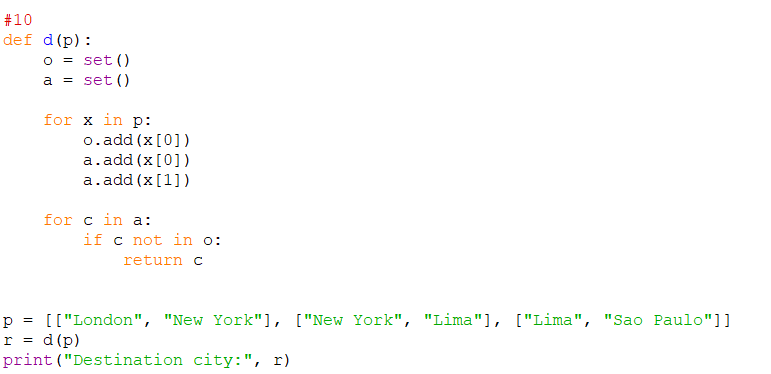
PROGRAM:



OUTPUT:

1. Destination City

PROGRAM:



OUTPUT: