

Problem Number

Activity Title

9
Permutation Production

Procedure Proper:

1. Write a program that displays all permutations of an input string.

- Note:
- ✓ There should be no duplicates in the production of permutations

✓ Permutations can be displayed in any order

Examples:

#1

Input: **oop**
Output:
oop
opo
poo

#2

Input: **what**
Output:

what	hawt	wtha	wath	atwh	htaw
hwat	ahwt	twha	awth	tawh	thaw
awht	thwa	hwta	twah	tahw	ahtw
waht	htwa	whta	wtah	athw	hatw

#3

Input: **hello**
Output:

ehllo	eolhl	hlole	lhelo	lloeh	oellh
ehlol	eollh	hoell	lheol	llohe	ohell
eholl	hello	holel	lhleo	loehl	ohlel
elhlo	helol	holle	lhloe	loelh	ohlle
elhol	heoll	lehlo	lhoel	lohel	olehl
ellho	hlelo	lehol	lhole	lohle	olelh
elloh	hleol	lelho	lleho	loleh	olhel
elohl	hlleo	leloh	lleoh	lolhe	olhle
elolh	hlloe	leohl	llheo	oehl	olleh
eohll	hloel	leolh	llhoe	oelhl	ollhe