

4.	For string $S=AACGATAGCGGTAGA\$$, what will be the order of cyclic shifts of length 2 after $SortDoubled$ with $L=1$?	1/1 point
	([15,14,0,1,6,12,4,2,8,3,13,7,9,10,5,11]	
	[14,0,1,6,12,4,2,8,3,13,7,9,10,5,11,15]	
	O [15,14,0,1,12,6,4,2,8,13,3,7,9,10,11,5]	
	\oslash Correct Correct! Recall that $SortDoubled$ uses a stable sort by first halfs of the doubled cyclic shifts.	
5.	For string $S=AACGATAGCGGTAGA\$$, what will be the contents of the array $class$ for the cyclic shifts of length 2 after $UpdateClasses$?	1/1 point
	O [2,3,7,9,6,14,4,11,8,12,13,15,5,10,1,0]	
	([2,3,6,7,5,11,4,8,6,9,10,11,4,7,1,0]	
	[0,0,0,0,0,0,0,0,0,0,0,0,0,0]	
	0,1,2,3,4,5,6,7,2,8,9,5,6,3,10,11]	
	Correct Correct! The classes are [\$A], [A\$], [AC], [AG, AG], [AT], [CG, CG], [GA, GA], [GC], [GG], [GT], [TA, TA].	
6.	For string $oldsymbol{S} = oldsymbol{AACGATAGCGGTAGA\$}$, what will be the suffix array?	1/1 point
	O [0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15]	
	O [15,0,1,4,6,12,14,2,8,3,7,9,10,13,5,11]	
	[1,1,2,3,1,4,1,3,2,3,3,4,1,3,1,0]	
	Correct! Sorted suffixes:	
	15\$	
	14 A\$	
	0 AACGATAGCGGTAGA\$	
	1 ACGATAGCGGTAGA\$	
	12 AGA\$	
	6 AGCGGTAGA\$	
	4 ATAGCGGTAGA\$	
	2 CGATAGCGGTAGA\$	
	8 CGGTAGA\$	
	13 GA\$	
	3 GATAGCGGTAGA\$	
	7 GCGGTAGA\$	
	9 GGTAGA\$	
	10 GTAGA\$	
	11 TAGA\$	
	5 TAGCGGTAGA\$	