Name:		Name:	
Name:		Name:	
Algo	rithms, Partition Loop Inva	ariant, Friday, February 5,	2021
correc	a loop invariant for the Partition fur at by showing that the loop invariant nation.		-
1.	Loop invariant (write a statement the purpose of the loop, and refere	that can be easily proven true or fal ences variables that change each ite	
2.	Initialization (show that the loop in	nvariant is true before the loop star	ts):
3.	Maintenance (show that the loop i	invariant holds when executing any	iteration):
4.	Termination (show that the loop in	nvariant holds once the loop ends):	