

**Problem** Compute cores of *all* non-empty prefixes of *aabbaab*. You don't have to show the steps of computation.

**Solution** After each symbol of  $aabbaab$ , I show the core of the prefix ending at that symbol.

$a$	$a$	$b$	$b$	$a$	$a$	$b$
$\epsilon$	$a$	$\epsilon$	$\epsilon$	$a$	$aa$	$aab$