HW

① Is the following gramar $LR(0)$? If so, parse $w = axy$

P: $S \to Ax$ $N = \{S, A, B\}$, $\Sigma = \{x, y, a\}$, $S = \{S\}$

     $S \to By$

     $A \to a$

     $B \to a$

HW

2. Is the grammar LR(0)?

$S \rightarrow aA \mid aB$

$A \rightarrow bA \mid bB$

$B \rightarrow rc$

If so, parse

$w_1 = ababrc$

$w_2 = acbb$

$w_3 = abbc$