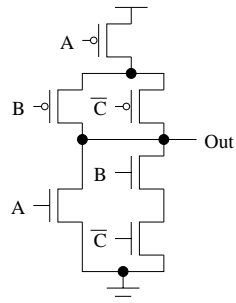
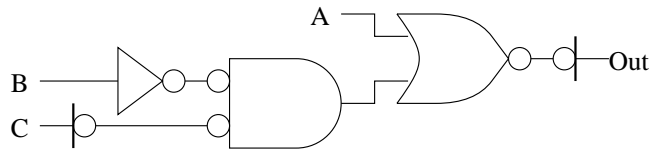


Logic Design

Part A



Part B



Part C

	$\bar{B}$		$B$	
$\bar{A}$	1	1	1	0
$A$	0	0	0	0
	$\bar{C}$		$C$	$\bar{C}$

prime implicant	essential?
<u>          <math>\bar{A} \bar{B}</math>          </u>	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
<u>          <math>\bar{A} C</math>          </u>	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
<u>                          </u>	yes <input type="checkbox"/> no <input type="checkbox"/>

$Out = \bar{A}(\bar{B} + C)$

Part D

