$[ass_{ns}]$	$\langle x := a, s \rangle \to s[x \mapsto \mathcal{A}[a]s]$
$[skip_{ns}]$	$\langle \mathtt{skip}, s angle o s$
$[comp_{ns}]$	$\frac{\langle S_1, s \rangle \to s', \langle S_2, s' \rangle \to s''}{\langle S_1; S_2, s \rangle \to s''}$
$[\mathrm{i}\mathrm{f}^{\mathrm{tt}}_{\mathrm{ns}}]$	$\frac{\langle S_1,s\rangle \to s'}{\langle \text{if } b \text{ then } S_1 \text{ else } S_2,s\rangle \to s'} \ \text{if } \mathcal{B}[\![b]\!] s = \mathbf{t} \mathbf{t}$
$[\mathrm{if}_{\mathrm{ns}}^{\mathrm{ff}}]$	$\frac{\langle S_2,s\rangle \to s'}{\langle \text{if } b \text{ then } S_1 \text{ else } S_2,s\rangle \to s'} \ \text{if } \mathcal{B}[\![b]\!] s = \text{ff}$
$[\mathrm{while^{tt}_{ns}}]$	$\frac{\langle S,s\rangle \to s', \langle \mathtt{while} b \mathtt{do} S, s'\rangle \to s''}{\langle \mathtt{while} b \mathtt{do} S, s\rangle \to s''} \mathrm{if} \mathcal{B}[\![b]\!] s = \mathbf{tt}$
$[\mathrm{while}_{\mathrm{ns}}^{\mathrm{ff}}]$	$\langle \mathtt{while}\ b\ \mathtt{do}\ S,\ s\rangle \to s\ \mathrm{if}\ \mathcal{B}[\![b]\!]s = \mathbf{ff}$
	Table 2.1: Natural semantics for While