Entry

X_1 | $\{a := \phi \ [0,\text{Entry}] \ [a',Z]$
$i := \phi \ [0,\text{Entry}] \ [i',Z] \}$
$a' := a + 2$

Y | $c := i + 3$

Z | $i' := a' + c$ | S_{pre}

- -

X | $\{a := \phi \ [0,\text{Entry}] \ [a',Z]$
$i := \phi \ [0,\text{Entry}] \ [i',Z] \}$
$a' := a + 2$

Y | $c := i + 3$

Z | $i' := a' + c$ | S_{loop}

- -

$\{a := \phi \ [0,\text{Entry}] \ [a',Z]$
$i := \phi \ [0,\text{Entry}] \ [i',Z] \}$ | S_{preExit}

Exit