$$1^{\varnothing_{10}} \vdash \langle var \ x:int=3, \emptyset \rangle \rightarrow_{a} \langle [x \leftarrow ex], [ex \leftarrow 3] \rangle \\ \vdash \langle var \ x:int=3; x:=x+1, \emptyset \rangle \rightarrow_{a} \langle \rho; x:=x+1, 0 \rangle$$