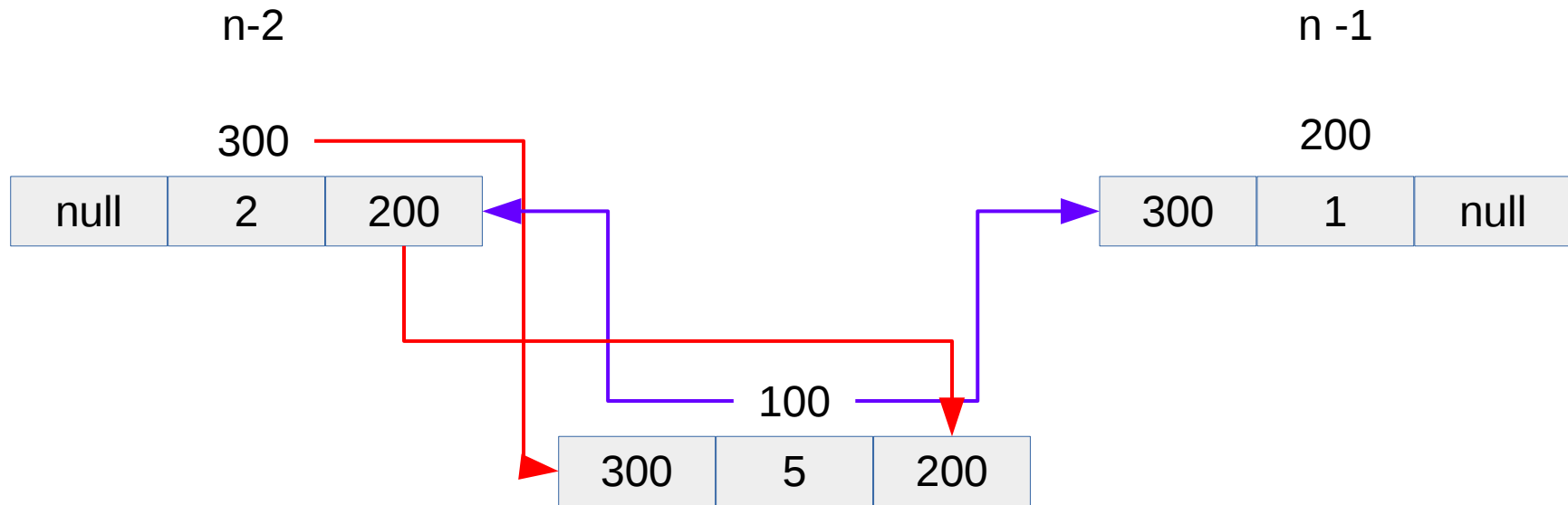


INSERTION



Set pointer to node variables: east, west, current and new
Iterate current to $n-2$
Set east to $\text{current} \rightarrow \text{next}$
Set west to $\text{east} \rightarrow \text{prev}$
Set $\text{new} \rightarrow \text{next}$ to east
Set $\text{new} \rightarrow \text{prev}$ to west
Set $\text{current} \rightarrow \text{next}$ to new
Set $\text{east} \rightarrow \text{prev}$ to new