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# Abbreviator.py
""" Inputs a string that encodes a name that is either one or
    two words and displays its abbreviation according to certain rules.

Rules:
1. A two-word name begins with either 'NEW', 'WEST', 'NORTH', or 'SOUTH'.
2. If the name is two words, then a single blank separates
   the words and the abbreviation consists of the first
   letters of each, e.g., NEW JERSEY --> NJ
3. If the name is one word, then its abbreviation is its
   first two letters, e.g., MASSACHUSETTS --> MA
"""
state = input('Enter a state name: ')

if len(state) >=5 and (state[0:5] == 'South' or state[0:4] == 'North'):
    abbreviation = state[0] + state[6]
elif len(state)>=4 and state[0:4] == 'West':
    abbreviation = state[0] + state[5]
elif len(state)>=3 and state[0:3] == 'New':
    abbreviation = state[0] + state[4]
else:
    abbreviation = state[0:2]
print state, abbreviation

```