**Backtracking + FC – United States – TC1**

**A picture containing text, colorful, toy

Description automatically generated**

source Alabama

Assigned color-> Red

source Georgia

Assigned color-> Green

source SouthCarolina

Assigned color-> Red

source NorthCarolina

Assigned color-> Blue

source Virginia

Assigned color-> Red

source Maryland

Assigned color-> Green

source Ohio

Assigned color-> Red

source Kentucky

Assigned color-> Green

source Missouri

Assigned color-> Red

source Kansas

Assigned color-> Green

source Nebraska

Assigned color-> Blue

source SouthDakota

Assigned color-> Red

source Iowa

Assigned color-> Green

source Wisconsin

Assigned color-> Red

source Michigan

Assigned color-> Green

source Illinois

Assigned color-> Blue

source Indiana

Assigned color-> Yellow

source Minnesota

Assigned color-> Blue

source NorthDakota

Assigned color-> Green

source Montana

Assigned color-> Blue

source Wyoming

Assigned color-> Green

source Utah

Assigned color-> Red

source Idaho

Assigned color-> Yellow

source Nevada

Assigned color-> Green

source Oregon

Assigned color-> Red

source California

Assigned color-> Blue

source Arizona

Assigned color-> Yellow

source NewMexico

Assigned color-> Green

source Colorado

Parent node-> NewMexico

source NewMexico

Assigned color-> Blue

source Colorado

Parent node-> NewMexico

source NewMexico

Parent node-> Arizona

source Arizona

Parent node-> California

source California

Assigned color-> Yellow

source Arizona

Assigned color-> Blue

source NewMexico

Assigned color-> Yellow

source Colorado

Parent node-> NewMexico

source NewMexico

Parent node-> Arizona

source Arizona

Parent node-> California

source California

Parent node-> Oregon

source Oregon

Assigned color-> Blue

source California

Assigned color-> Red

source Arizona

Assigned color-> Yellow

source NewMexico

Assigned color-> Blue

source Colorado

Parent node-> NewMexico

source NewMexico

Parent node-> Arizona

source Arizona

Parent node-> California

source California

Parent node-> Oregon

source Oregon

Parent node-> Nevada

source Nevada

Assigned color-> Blue

source Oregon

Assigned color-> Green

source California

Parent node-> Oregon

source Oregon

Parent node-> Nevada

source Nevada

Parent node-> Idaho

source Idaho

Parent node-> Utah

source Utah

Assigned color-> Blue

source Idaho

Assigned color-> Red

source Nevada

Assigned color-> Yellow

source Oregon

Assigned color-> Blue

source California

Assigned color-> Green

source Arizona

Assigned color-> Red

source NewMexico

Assigned color-> Yellow

source Colorado

Parent node-> NewMexico

source NewMexico

Parent node-> Arizona

source Arizona

Parent node-> California

source California

Parent node-> Oregon

source Oregon

Parent node-> Nevada

source Nevada

Parent node-> Idaho

source Idaho

Parent node-> Utah

source Utah

Assigned color-> Yellow

source Idaho

Parent node-> Utah

source Utah

Parent node-> Wyoming

source Wyoming

Assigned color-> Yellow

source Utah

Assigned color-> Green

source Idaho

Parent node-> Utah

source Utah

Parent node-> Wyoming

source Wyoming

Parent node-> Montana

source Montana

Assigned color-> Yellow

source Wyoming

Parent node-> Montana

source Montana

Parent node-> NorthDakota

source NorthDakota

Assigned color-> Yellow

source Montana

Assigned color-> Green

source Wyoming

Assigned color-> Yellow

source Utah

Parent node-> Wyoming

source Wyoming

Parent node-> Montana

source Montana

Parent node-> NorthDakota

source NorthDakota

Parent node-> Minnesota

source Minnesota

Assigned color-> Yellow

source NorthDakota

Assigned color-> Blue

source Montana

Assigned color-> Yellow

source Wyoming

Assigned color-> Green

source Utah

Assigned color-> Yellow

source Idaho

Assigned color-> Blue

source Nevada

Assigned color-> Red

source Oregon

Assigned color-> Yellow

source California

Assigned color-> Blue

source Arizona

Assigned color-> Green

source NewMexico

Assigned color-> Red

source Colorado

Parent node-> NewMexico

source NewMexico

Assigned color-> Blue

source Colorado

Assigned color-> Red

source Oklahoma

Assigned color-> Yellow

source Arkansas

Assigned color-> Green

source Mississippi

Assigned color-> Blue

source Louisiana

Assigned color-> Red

source Texas

Parent node-> Louisiana

source Louisiana

Assigned color-> Yellow

source Texas

Assigned color-> Red

source Tennessee

Assigned color-> Yellow

source Washington

Assigned color-> Green

source WestVirginia

Assigned color-> Blue

source Pennsylvania

Assigned color-> Yellow

source NewJersey

Assigned color-> Red

source NewYork

Assigned color-> Green

source Massachusetts

Assigned color-> Red

source NewHampshire

Assigned color-> Green

source Vermont

Assigned color-> Blue

source Maine

Assigned color-> Red

source RhodeIsland

Assigned color-> Green

source Connecticut

Assigned color-> Blue

source Delaware

Assigned color-> Blue

source Florida

Assigned color-> Blue

source Florida

Assigned colors: {'Alabama': 'Red', 'Georgia': 'Green', 'SouthCarolina': 'Red', 'NorthCarolina': 'Blue', 'Virginia': 'Red', 'Maryland': 'Green', 'Ohio': 'Red', 'Kentucky': 'Green', 'Missouri': 'Red', 'Kansas': 'Green', 'Nebraska': 'Blue', 'SouthDakota': 'Red', 'Iowa': 'Green', 'Wisconsin': 'Red', 'Michigan': 'Green', 'Illinois': 'Blue', 'Indiana': 'Yellow', 'Minnesota': 'Yellow', 'NorthDakota': 'Blue', 'Montana': 'Yellow', 'Wyoming': 'Green', 'Utah': 'Yellow', 'Idaho': 'Blue', 'Nevada': 'Red', 'Oregon': 'Yellow', 'California': 'Blue', 'Arizona': 'Green', 'NewMexico': 'Blue', 'Colorado': 'Red', 'Oklahoma': 'Yellow', 'Arkansas': 'Green', 'Mississippi': 'Blue', 'Louisiana': 'Yellow', 'Texas': 'Red', 'Tennessee': 'Yellow', 'Washington': 'Green', 'WestVirginia': 'Blue', 'Pennsylvania': 'Yellow', 'NewJersey': 'Red', 'NewYork': 'Green', 'Massachusetts': 'Red', 'NewHampshire': 'Green', 'Vermont': 'Blue', 'Maine': 'Red', 'RhodeIsland': 'Green', 'Connecticut': 'Blue', 'Delaware': 'Blue', 'Florida': 'Blue'}

Backtrack---> 37

State: Alabama -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

State: Alaska -> Red

State: Arizona -> Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

State: Arkansas -> Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Yellow

State: California -> Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

State: Colorado -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

State: Connecticut -> Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

State: Delaware -> Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

State: Florida -> Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

State: Georgia -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

State: Hawaii -> Red

State: Idaho -> Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

State: Illinois -> Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

State: Indiana -> Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

State: Iowa -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

State: Kansas -> Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

State: Kentucky -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Yellow

State: Louisiana -> Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

State: Maine -> Red

Assigned color to Neighbour: Green

State: Maryland -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

State: Massachusetts -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

State: Michigan -> Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

State: Minnesota -> Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

State: Mississippi -> Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Yellow

State: Missouri -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Yellow

State: Montana -> Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

State: Nebraska -> Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

State: Nevada -> Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

State: NewHampshire -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

State: NewJersey -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

State: NewMexico -> Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

State: NewYork -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

State: NorthCarolina -> Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

State: NorthDakota -> Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Yellow

State: Ohio -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

State: Oklahoma -> Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

State: Oregon -> Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

State: Pennsylvania -> Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

State: RhodeIsland -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

State: SouthCarolina -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

State: SouthDakota -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

State: Tennessee -> Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

State: Texas -> Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

State: Utah -> Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

State: Vermont -> Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

State: Virginia -> Red

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

State: Washington -> Green

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

State: WestVirginia -> Blue

Assigned color to Neighbour: Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Green

State: Wisconsin -> Red

Assigned color to Neighbour: Green

Assigned color to Neighbour: Green

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Yellow

State: Wyoming -> Green

Assigned color to Neighbour: Red

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Blue

Assigned color to Neighbour: Yellow

Assigned color to Neighbour: Red

Assigned color to Neighbour: Blue

Time taken: 0.1348869800567627