```python

from csp_lib.backtrack_util import (first_unassigned_variable,
                                    unordered_domain_values,
                                    no_inference)

def backtracking_search(csp,
                        select_unassigned_variable=first_unassigned_variable,
                        order_domain_values=unordered_domain_values,
                        inference=no_inference):
    """backtracking_search
    Given a constraint satisfaction problem (CSP),
    a function handle for selecting variables,
    a function handle for selecting elements of a domain,
    and a set of inferences, solve the CSP using backtrack search
    """

    # See Figure 6.5] of your book for details

    def backtrack(assignment):
        """Attempt to backtrack search with current assignment
        Returns None if there is no solution.  Otherwise, the
        csp should be in a goal state.
        """

        raise notImplemented

    # Call with empty assignments, variables accessed
    # through dynamic scoping (variables in outer
    # scope can be accessed in Python)
    result = backtrack({})
    assert result is None or csp.goal_test(result)
    return result

```