0-2 - Water Jug problem with DFS

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product je kait is july

esc ships unotar

deb main()

Starting nodo = [[0,0]]

Jugszapt-jugs()

goal amount = 2

checkdict = {}

Seach (Starting-nod, jugs, god amont, check-dict.)

del get_indx(node)

retursaly vante boraginen note

node: a list of huma integen representing currents tode of the jugs

return pow(1, node[0]) * pow(s, node[1])

deb gt-jugs)

Return a list of fure integer represting volume of the jugs on an import brom. Ne user.

return jugs

0

Returns derived amount of wester

Taken derived amount on an input brombe user

jug: a list of two intogen representing volume of

Me juga

return goal-amount

del is-goal (path, goal mont)

return jue, il se gunpath termuit at the good note path: a list of note representing se path to be cloted good anont = an integer representing se desired anout

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return path[-1][o]== god-amout or path[-1][i]==
godlamout

del next_transitions(joys, path, chak-det)
Returna list of all possible transitions which do not
cause loops

rehum result

del dransition returns a string explaining the transition brom old study node to new state I nado

del print-path (puth, jugn)
prints Hegoul puth

af Seach (Sturbing-node, jugs goal anut, check dut)
Seacher box a path between starting nodo & you I node