

Depth - first search Finepole Strong Obrog 6 mysery

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DES zonen, tes toe bornen

Des reprose bepuille - bepuille us komopois

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DFS Bowen.
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bepunny.

Out lin, - Breus Brogs DFS & Bernman V.
Out tout, - Breus Brogs DFS us Bernman V.

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Ansopumm

C. get-children()

Vi sited = [False .... False] paznupa N

tin = [-1 ... -1]

DFS ymaranorio

tout=[-1 ... -1]

Her noamun

The noamun

Supumm
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pyrusus DFS (G, start, visited)

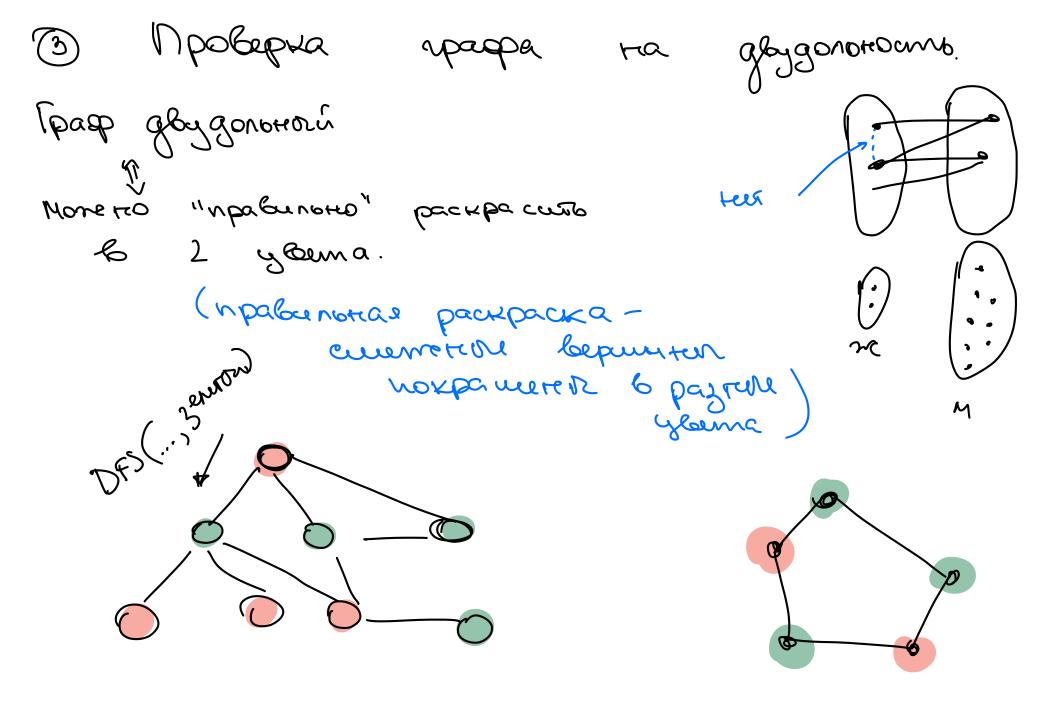
visited [start] = True // parenosperul
tin [start] = t · lepens

i= 0 children size(): ecne visited [children [i]] - False Lo DFS (C, children [i], visited) tout[start] = t / robox opens boxaga Acuain Moraisa T('C(V,E)) = = 0 (IN+ IE/) Choiamba: npopour V, ecun ting e [ting, tout u] · [tinu; toutu] promoner ablic & Sbitso Tinv tinu touta touty

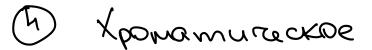
N- Whedor a

· tin - maccub c naneparun [0... N-1] · V-Repunsia, noggepebo es (tout, - tin) = re yearurella, broposis pas ? Are rero try neseos. 3a D(1) Haxadam NOW MKOB Nemma (o Berox nymax) no reparrer & espoir your. Torga ber Cepuntur, De republic de portobe Des no devina vorbación Buzyakuzanzas. D-80;

	Penaemor zazaren
(\(\frac{1}{2}\)	Apologica ra chezroans:
	Perneteur: 200 (-)
	$\rightarrow DE2(0)$
	-> ecnu B visited econo false
9	Nouck Kon-Ba Komnoterten eposterni nog hard
	if (visited[:] \rightarrow false)? DFS(C, i, visited);
	count-comp ++',
ţ	visited [11]



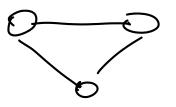
+1 -> Kpacterní -1 -> zenevolú colors = [0,...0] DFS (C, start, colors, color) colors[start] = color children = Cr. get Children (start) tor i -0... avildoen. sizal ecru colors [children [i]] ==0 DFS (C, duildren Ei], colors, -cobe) utcone: ecru color[children[i]] == colop: La read the desidore toppe

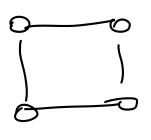


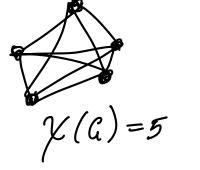
rucho ypapa

mithuanstas

Nbaparonan backo



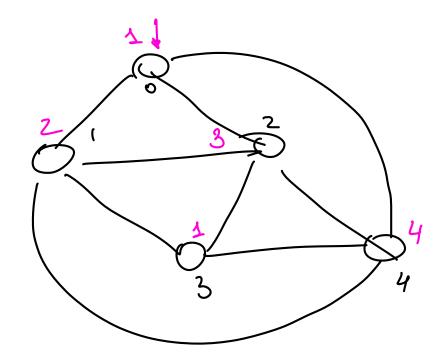




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backbackn:

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-> ch = G.get-Eli/dren() Checlor & ybera Cerel ch-color. Solt()
-> Bostupaese neponé

your, Koropord

5 POUCK YUKNA.

queen upobareron zpap

CAU MOT NONAMU

Beplementey, KOT-2

Lours Cepair . [tin 0]

Lours Lours econo.

—//— visited to xpateur of poguiene Bepuilten of DFS (..., parent)