

Αλγόριθμος: SocialFriends

Είσοδος: dislike, FRIENDS

Έξοδος: maxFriends

1	friendRemoved $\leftarrow$ fillArray(FRIENDS, friendRemoved, 0)
2	zeroEdgesPos $\leftarrow$ fillArray(FRIENDS, zeroEdgesPos, 0)
3	zeroEdgesPosT $\leftarrow$ fillArray(FRIENDS, zeroEdgesPosT, 0)
4	<b>repeat</b>
5	akmes $\leftarrow$ fillArray(FRIENDS, akmes, 0)
6	mostEdges $\leftarrow$ 0
7	mostEdgesPos $\leftarrow$ 0
8	flag $\leftarrow$ 0
9	<b>for</b> i $\leftarrow$ 1 <b>to</b> FRIENDS
10	<b>if</b> friendRemoved(i) = 1
11	<b>continue</b> ;
12	<b>for</b> j $\leftarrow$ 1 <b>to</b> FRIENDS
13	<b>if</b> friendRemoved(i) = 1
14	<b>continue</b> ;
15	akmes(i) $\leftarrow$ akmes(i) + dislike(i,j)
16	<b>if</b> friendRemoved(i) = 1
17	mostEdges $\leftarrow$ akmes(i)
18	mostEdgesPos $\leftarrow$ i
19	flag $\leftarrow$ 1
20	<b>else if</b> akmes(i) = 0
21	zeroEdgesPosT(i) $\leftarrow$ 1
22	<b>if</b> flag=1
23	friendRemoved(mostEdgesPos) $\leftarrow$ 1
24	<b>until</b> flag = 1
25	maxFriends $\leftarrow$ 0
26	<b>for</b> i $\leftarrow$ 1 <b>to</b> FRIENDS
27	<b>if</b> zeroEdgesPosT(i) = 1
28	maxFriends $\leftarrow$ maxFriends + 1

Αλγόριθμος: fillArray

Είσοδος: size, tab, num

Έξοδος:

1	<b>for</b> i $\leftarrow$ 1 <b>to</b> size
2	tab(i) $\leftarrow$ num