	ล	(2)	6		& simil queue commect comp			wisited	of queue flor kun for x
	9	I	0	call breath-first. traversal(o)	0	[0]	404	true	[1, 4, 9]
		3			1	49,9	30,14	the	[4,9,3]-our willed
③ ●.					9	69,3	30,1,79	true	[9,3] - 0 is visited
	\mathfrak{H}				9	6,3]	20,1,4,94	Here	[3] - 0 is visited
Boum	1 dict				3	[3]	20,1,4,9,34	true	[7]-1 is visited
0	(1,4,9)				4	(A)	10,1,4,9,3,49	buu	[6,8]-3 is visited
1	(013)				6	687	10,1,4,9,3,7,69	true	(8] -4 is visited
2	[5]				8		20,1,4,3,3,7,6,84	true	[]-7 is visited-guera is empty
3	[4,4]			call treath-first -traversal(2)	2	[2]	321	true	じも
4	[0]			-Haverasauca	5	[5]	22,59	true	Er [] - 2 is visited - guen is empty
5	[2]			call breath-frest-	10	[10]	2104	tuu	[]-10 is an isolated vertex,
6	[4]			traversal (10)				,	queue is empty
4	[3,6,8]								
8	[4]								
9	[0]								
10 - The connec			The connected	d components are: 10, 1, 4, 9, 3, 7, 6, 84					
u voctices and 8 edges			12,59						

Find the connected components of an unaverted graph using 1375 queue after rum for R x, queue init, connected comp, verited [x] call preath_lirest_ [3,2] [0] 709 true Haverval (0) [2, 5,1,4] -O is visited [32] 20,39 true (5) (5,1,4) - 1,4,0 alevisited [2, 5,114] 20,3,24 true true [5,1,4] 20,3,2,59 [1,4]-4,3,1 are is visited Bound dict [44] 20,3,2,5,19 true , 1,2, 3, 5 are visited key value 20,3,2,5,1,49 true 14,6 -5,2,1,3,000 visited [3,2] [2,5,3,4,6] ded, so the quew will be of 6 [1,4,0] [] -all vertices we visited 20,3,2,5,1,4,64 true [0,5,1,4] For the remaining values, we will have the same result, so at the one the quelle with [5,6,2,1,3] Le empty, the cold is fimithed remnected comp 30,3,2,5,1,4,63 For the ort All the vertices are visited, the algorithm is finished [4,3,1]

[4,1]

7 vertices and

12 edges