

Variables

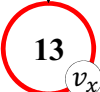
Status

V

$S, 13$

E

$< S, 13 >$

	2	createGraph(M, S, D) function 6 Line 5 is executed: $< S, 13 >$ is identified as a new edge.				1
	8	9	10	11	12	2
	14	Line 6 is executed: Because $\{V \setminus S\} = \emptyset, U = \{\emptyset\}$. Lines 7-11 are skipped because $ U = 0$.				3
19	20	Line 12 is executed: Update V to $V \cup \{13\}$, E to $E \cup \{< S, 13 >\}$, and v_l to 13.				4
25	26	27	28	29	30	
31	32	33	34	35		