Algorithm PA#3 report

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input file	input size vertices/edges	DFS runtime (s)	memory (MB)	BFS runtime (s)	memory (MB)	Coloring Number of colors	runtime (s)	memory (MB)
n4	4/5	0	14.656	0	14.656	3		14.656
n10	10/21	0	14.656	0	14.656	4	0.002999	14.656
n100	100/290	0	14.656	0	14.656	5	0.003998	14.656
n1000	1000/2989	0.002	15.08	0.002	15.08	5	0.013997	15.08
n10000	10000/29990	0.024996	19.036	0.021997	19.168	6	0.128979	19.168