

No.	Case 1			Case 2		
	Result	Time	Mem	Result	Time	Mem
$P_1$	Yes	7.46	146	Yes	6.07	105
$P_2$	Yes	0.95	46	Yes	1.10	52
$P_3$	No	42.94	664	Yes	256.48	3041
$P_4$	Yes	0.69	43	Yes	0.68	43
$P_5$	Yes	19.41	509	Yes	128.56	2041