AI Lab 3 – Constraint Satisfaction Problem

Backtracking search after applying arc consistency (BS)			
Input file	Time (s)	Number of backtracks	Peak memory
Input0.txt	0.0019965171813964844	10	21264
Input1.txt	0.03194379806518555	24	61952
Input2.txt	17.983525276184082	76	798024
Input3.txt	0.01691913604736328	20	51968
Input4.txt	0.025910377502441406	24	62464
Input5.txt	1.2127549648284912	33	141088
Input6.txt	1.363323450088501	46	166040
Input7.txt	29.161765098571777	80	950120

time() was used to compute the time and tracemalloc.get_traced_memory() was used to compute the peak memory in use during execution.