Christina Bui

Operating System 4401

Assignment 1

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Part 1:

curl ‘http://api.icndb.com/jokes/random/’ | jq ‘.value.joke’ | cowsay -f cock | lolcat

Part 2:

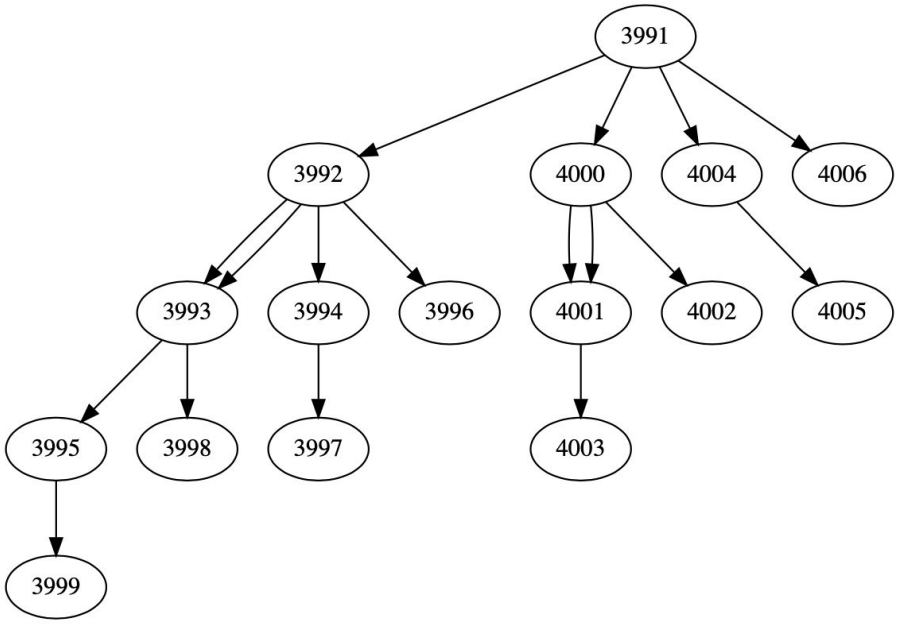
N = 4

PartA's CSV file:

PID&PPID

PID	PPID
3991	**2399**
3992	3991
3992	3991
3993	3992
3992	3991
3994	3992
3993	3992
3995	3993
3992	3991
3996	3992
3997	3994
3994	1
3991	2399
3993	1
3995	3993
3998	3993
3999	3995
4000	3991
4000	3991
4000	3991
4001	4000
4002	4000
4001	4000
4003	4001
3991	2399
4004	3991
4004	3991
4005	4004
3991	2399
4006	3991
3991	2399

PartB's Graph:



N=5

PartA's CSV file:

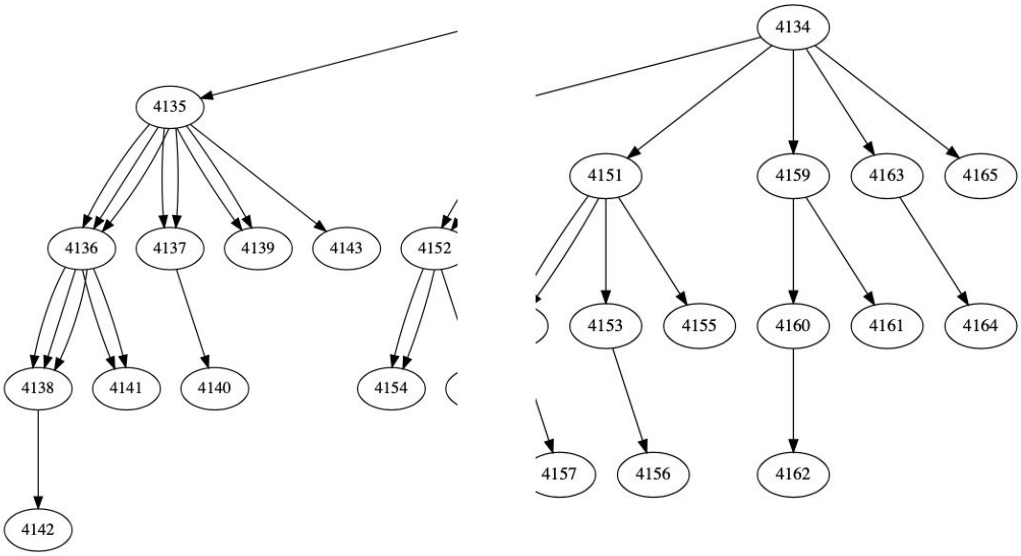
PID&PPID

4134	2399
4135	4134
4135	4134
4136	4135
4135	4134
4137	4135
4136	4135
4138	4136
4135	4134
4139	4135
4137	4135
4140	4137
4136	4135
4141	4136
4138	4136
4142	4138
4135	4134
4139	4135
4143	4135
4144	1
4137	1
4140	1
4145	1
4136	1
4141	4136
4138	4136

4134	2399
4142	1
4147	1
4148	1
4146	1
4149	1
4150	1
4151	4134
4151	4134
4152	4151
4151	4134
4153	4151
4152	4151
4154	4152
4151	4134
4155	4151
4134	2399
4153	1
4156	4153
4152	1
4157	4152
4154	4152
4158	1
4159	4134
4159	4134
4160	4159
4159	4134
4161	4159
4134	2399

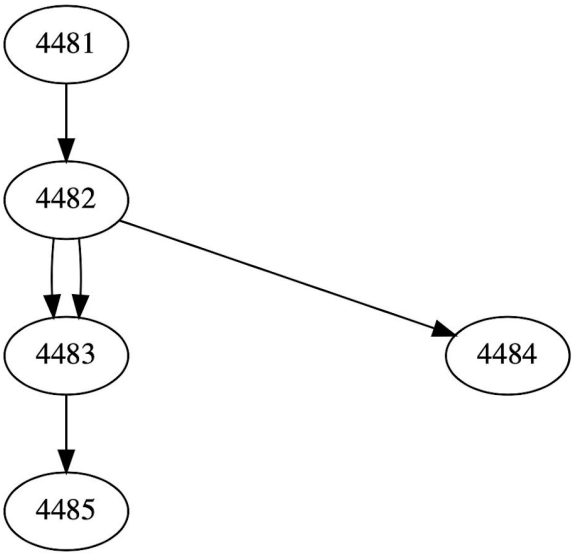
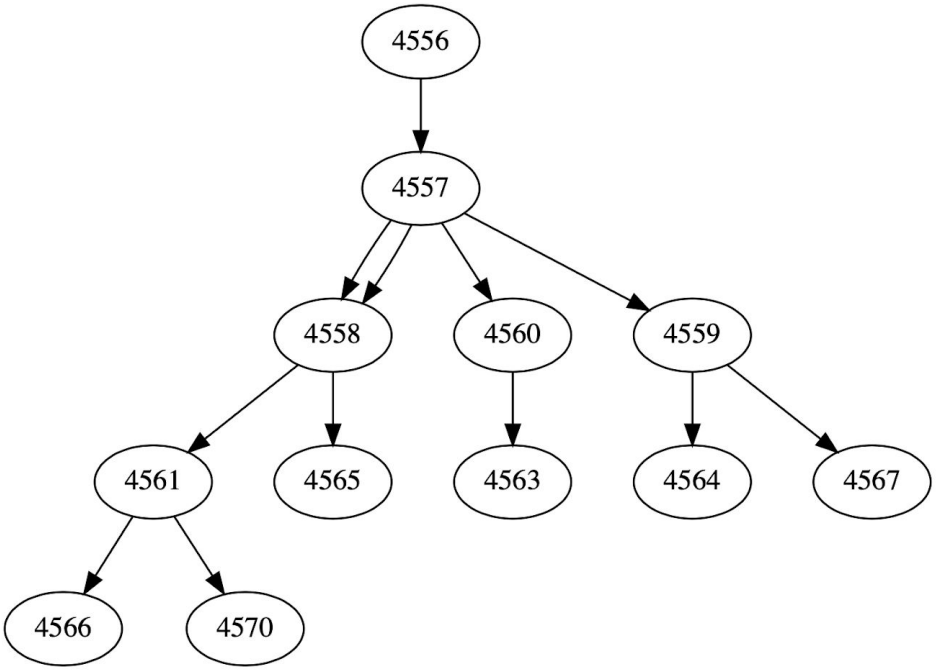
4160	1
4162	4160
4163	4134
4163	4134
4164	4163
4134	2399
4165	4134
4134	2399

PartB's Graph:



Part 3:

N = 3 Graph (Modify PartA)



N = 5 Graph (Modify PartA)