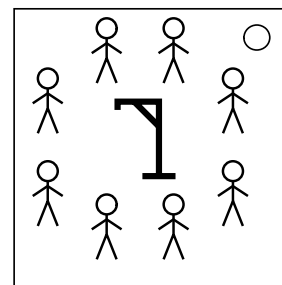# On the Subject of Mollifying Mafia

I'm going to make him a cheat sheet he cannot refuse.

In this module, there are 8 named people that sit around a gallows. It's your job to deduce who is the Godfather, whom you then have to execute. To figure out who is the Godfather, follow the following instructions:

- Take all the values of the serial number, changing letters into numbers by their placement in the alphabet (A=1, B=2 etc.), and add them together.
- Starting from the top of the list below, count this many names. Then keep going until you get to a name that's on the module. If you go past #50, loop back around to #1.
- In the following table, look at the column corresponding to the last digit of the serial number to determine the order in which people are eliminated. Align the "1" with the person determined in the previous step. The "!" indicates the suspect.
- Find the suspect in the table and look at their "Innocence Condition". If they do not meet the condition, they are the Godfather and should be executed. If they are found innocent, execute the person referred to in the "Otherwise" column.

< 2 indicators									
0	1	2	3	4	5	6	7	8	9
1	1	1	1	1	1	1	1	1	1
2	5	7	3	7	6	3	2	6	7
3	2	4	!	4	5	6	6	2	5
4	7	2	7	3	!	4	3	4	2
5	3	!	2	5	7	7	!	5	6
6	6	6	5	2	3	!	5	3	!
7	4	3	4	!	2	5	4	7	4
!	!	5	6	6	4	2	7	!	3

≥ 2 indicators									
0	1	2	3	4	5	6	7	8	9
1	1	1	1	1	1	1	1	1	1
!	!	5	6	6	4	2	7	!	3
7	4	3	4	!	2	5	4	7	4
6	6	6	5	2	3	!	5	3	!
5	3	!	2	5	7	7	!	5	6
4	7	2	7	3	!	4	3	4	2
3	2	4	!	4	5	6	6	2	5
2	5	7	3	7	6	3	2	6	7

*FRP = First Ruled-out Person
*LRP = Last Ruled-out Person
*SSN = Same Side Neighbor (Person who is on the same side of the module with them: top 2, bottom 2, left 2, right 2)

#	Name	Innocent/Godfather Condition	Otherwise, Godfather is...
1	Rob	Innocent if the serial number contains a vowel.	Person clockwise after Rob.
2	Tim	Innocent if there is a "Friendship", "Only Connect", "Battleship" or "Marble Tumble".	FRP
3	Mary	Innocent if Bob, Walter or Cher is present.	Person on the left in the top pair, SSN if it is Mary.
4	Briane	Innocent if there is a Two Factor or lit CAR indicator.	LRP
5	Hunter	Innocent if there are more ports than batteries.	Rick, or 4th ruled-out player if Rick is absent.
6	Macy	Innocent if Tommy is present.	Tommy
7	John	Innocent if John is the only person on the module whose name starts with "J".	SSN
8	Will	Innocent if there is a PS/2 or DVI port and at least one even number in the serial number.	5th person ruled out.
9	Lacy	Innocent if there is a "Boolean Venn Diagram", "Bitwise Operations", or any module containing "Logic" in its name.	SSN
10	Claire	Innocent if there are less than 20 modules.	LRP
11	Kenny	Innocent if there are no unlit indicators.	Person clockwise after FRP (skip Kenny)
12	Rick	Innocent if there is an empty port plate.	Person counterclockwise from Rick.
13	Walter	Innocent if serial number contains any letters from Walter's name.	FRP
14	Bonnie	Innocent if there is another person on the module whose name starts with "B".	First person clockwise from Bonnie whose name starts with "B".
15	Luke	Always Innocent.	Person with lowest number (excluding Luke).
16	Bill	Innocent if last number of serial number is prime or zero.	Person with highest number (excluding Bill).

N#	Name	Innocent/Godfather Condition	Otherwise, Godfather is...
17	Sarah	Innocent if there is a colored indicator, HDMI port, or if "S", "H", or "3" is in the serial number.	LRP
18	Larry	Larry is colorblind. Innocent if there are no modules containing the word "Color".	FRP
19	Kate	Innocent if there is an "L", "O", "S", or "T" in the serial number, or if "The Swan" is present.	John; SSN if John is absent
20	Stacy	Innocent if there are fewer modules than starting time in minutes.	FRP
21	Diane	Innocent if there is a VGA or USB port, or if there is "The Screw".	LRP
22	Mac	Innocent if there is a parallel port on the same plate as a serial port.	6th person ruled out
23	Jim	Jim is a musician. Innocent if there is a "Chord Qualities", "Rhythms", "The Jukebox", "Guitar Chords" or any module with "Piano Keys" in the name.	SSN
24	Clyde	Innocent if Bonnie is present.	Bonnie
25	Tommy	Innocent if there are neither batteries nor ports.	4th person ruled out
26	Lenny	Innocent if SSN's name does not contain exactly 3 letters.	SSN
27	Molly	Innocent if there is no module apart from Mafia whose name starts with "M" or "The M".	Person clockwise after Molly.
28	Benny	Innocent if Hunter, Cher, or Nick are not the FRP.	The third person after Benny in clockwise order.
29	Phil	Innocent if not on the right of the bottom two.	Person on the right of the bottom two.
30	Bob	Innocent if there is "Laundry", "Morse-A-Maze", "Big Circle", "Painting", "Dr. Doctor", "The Code", or a BOB indicator. **Thanks for everything, Bob!**	3rd person ruled out.
31	Gary	Gary is lazy and likes to eat. Innocent if there is a "Cheap Checkout", "Ice Cream" or "Cooking".	LRP
32	Ted	Ted is an astronaut. Innocent if there is a "Black Hole", "The Sun", "The Moon", "Lightspeed" or "Astrology".	SSN
33	Kim	Innocent if FRP's number is 25 or less.	FRP

N#	Name	Innocent/Godfather Condition	Otherwise, Godfather is...
34	Nate	Innocent if there are more lit indicators than unlit.	Person clockwise after Nate.
35	Cher	Innocent if there is no needy module and 1 or more ports.	LRP
36	Ron	Innocent if letters of the serial number share letters with any indicator on the bomb.	SSN
37	Thomas	Thomas doesn't like being stuck in mazes. Innocent if there is no module with "maze" in the name.	Second person counterclockwise after Thomas.
38	Sam	Innocent if there is "Creation", "The Gamepad", "Minesweeper" or "Skewed Slots".	LRP
39	Duke	Innocent if LRP's number is greater than 25.	LRP
40	Jack	Innocent if SSN has 4 letters in their name.	SSN
41	Ed	Innocent if the total number of "Double-Oh", "Gridlock", "Human Resources" and "Lasers" modules is exactly one.	2nd person ruled out.
42	Ronny	Innocent if there are no vanilla modules or there are 4 or more ports.	FRP
43	Terry	Innocent if there are 3 or more batteries on the bomb.	3rd person ruled out.
44	Claira	Innocent if there are at least two port plates that have at least an RJ, RCA, or PS/2 port on them.	SSN
45	Nick	Innocent if there is no "Zoo", "Nonogram", "Murder" or "X01".	FRP
46	Cob	Cob loves inception. Innocent if there are 2 or more of the same module.	First person clockwise from Cob with the most letters in their name.
47	Ash	Innocent if there are any modules pertaining to Monsplodes.	LRP
48	Don	Always guilty.	N/A
49	Jerry	Innocent if "The Clock", "Rubik's Clock", "The Stopwatch", "Timezones" or "The Time Keeper" is present.	Person counterclockwise after Jerry.
50	Simon	Simon likes to be alone. Innocent if there are no modules with Simon's name.	SSN