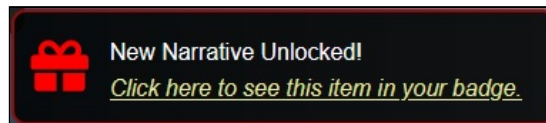# KringleCon 4: Calling Birds!

Frost Tower Lobby

1. Click to talk to Jack Frost

> Welcome to Frost Tower and Casino, the epicenter of the Frostiest Place on Earth™!
>
> We'll be running the Holiday Season from this point on, doing things far better than those amateurs at Santa's castle.
>
> Sadly, they just don't understand the true meaning of the holidays.
>
> Feel free to explore, place some bets on certain slot machines, and visit the gift store on your way out to shop to your heart's content. Money, money, money!
>
> That's the true meaning of the holiday season.
>
> And don't forget: Tell all your friends to come to FrostFest and stay away from that lame con next door!

2. Move Left

3. Click to talk to Hubris Selfington

Snarf. Hrung. Phlthth.

I'm Hubris Selfington.

The big boss told me he's worried about vulnerabilities in his slot machines, especially this one.

Statistically speaking, it seems to be paying out way too much.

He asked me to see if there are any security flaws in it.

The boss has HUGE plans and we've gotta make sure we are running a tight ship here at Frost Tower.

Can you help me find the issue?

I mean, I could TOTALLY do this on my own, but I want to give you a chance first.

4. Move Right and then Up

5. Click to talk to Grody Goiterson

Hrmph. Snrack! Pthbthbthb.

Gnerphk. Well, on to business.

I'm Grody Goiterson. ... It's a family name.

So hey, this is the Frostavator. It runs on some logic chips... that fell out.

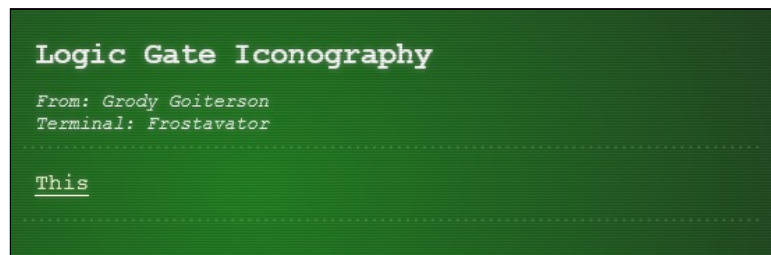I put them back in, but I must have mixed them up, because it isn't working now.

If you don't know much about logic gates, it's something you should look up.

New [Hint] Unlocked: Logic Gate Iconography!
Click here to see this item in your badge.

5. Click the `i` (Hints) icon

6. Click `Logic Gate Iconography`

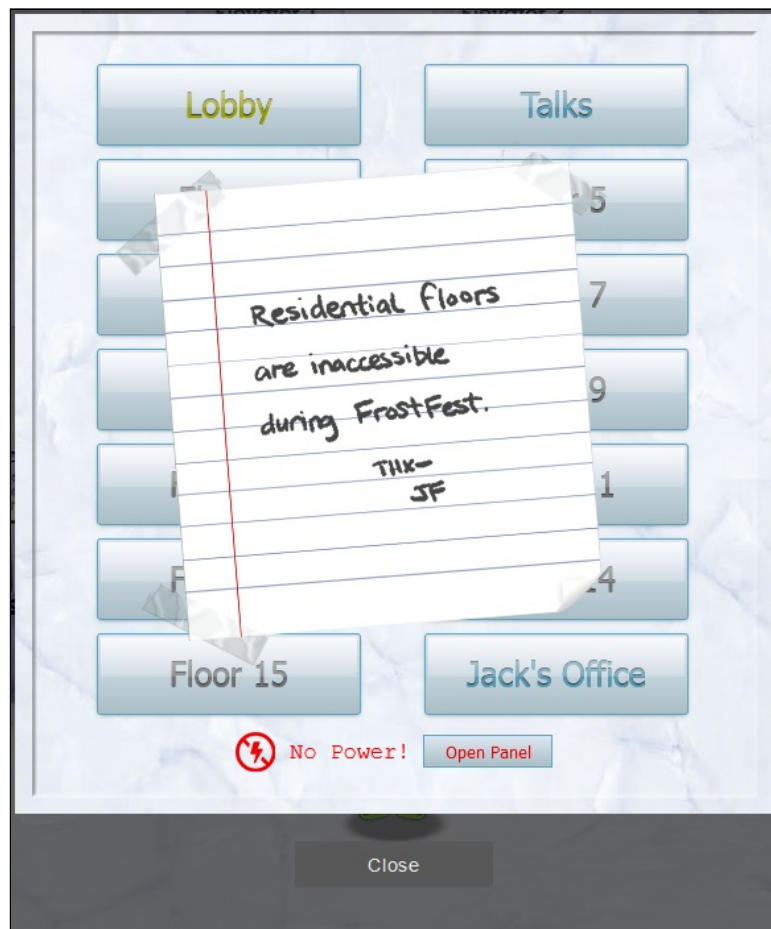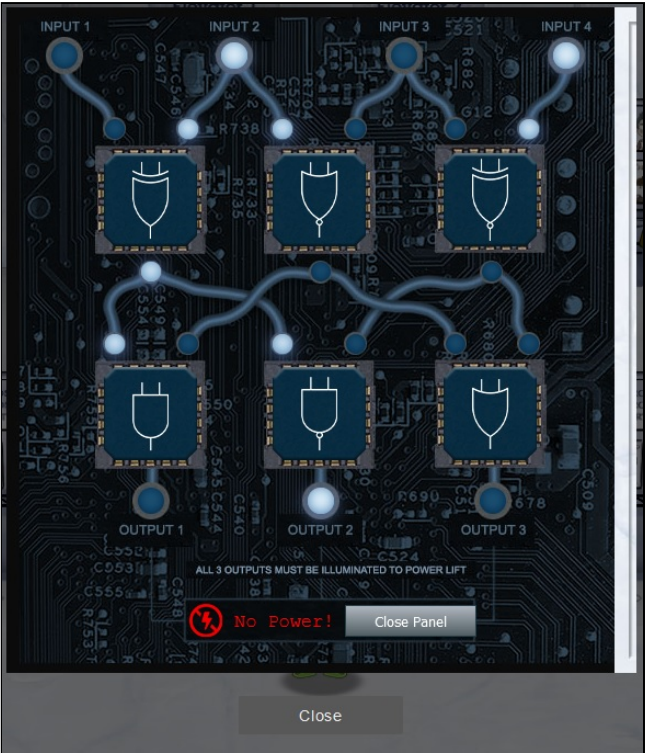7. Click `[Exit]`

8. Click to talk to `Grody Goiterson`

> If you help me run the elevator, maybe I can help you with something else.
>
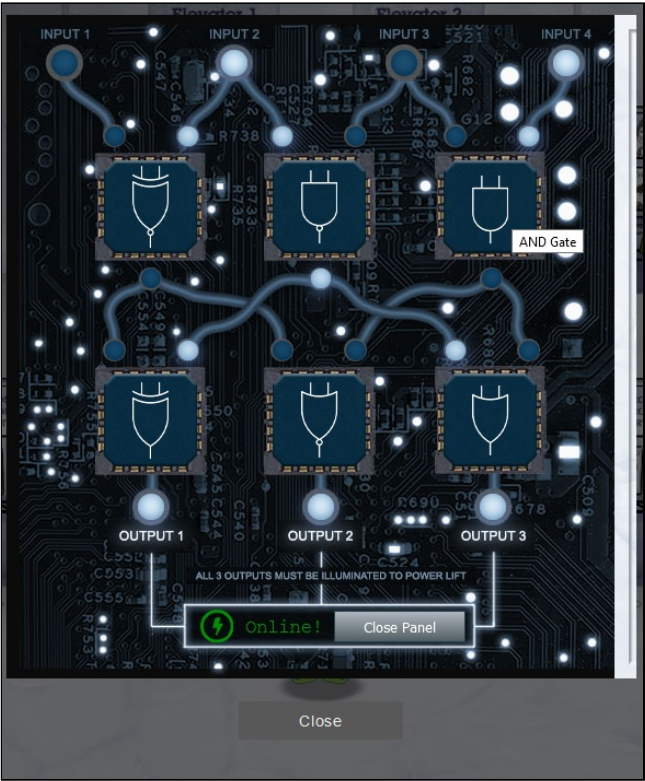> I'm pretty good with FPGAs, if that's worth something to ya'.
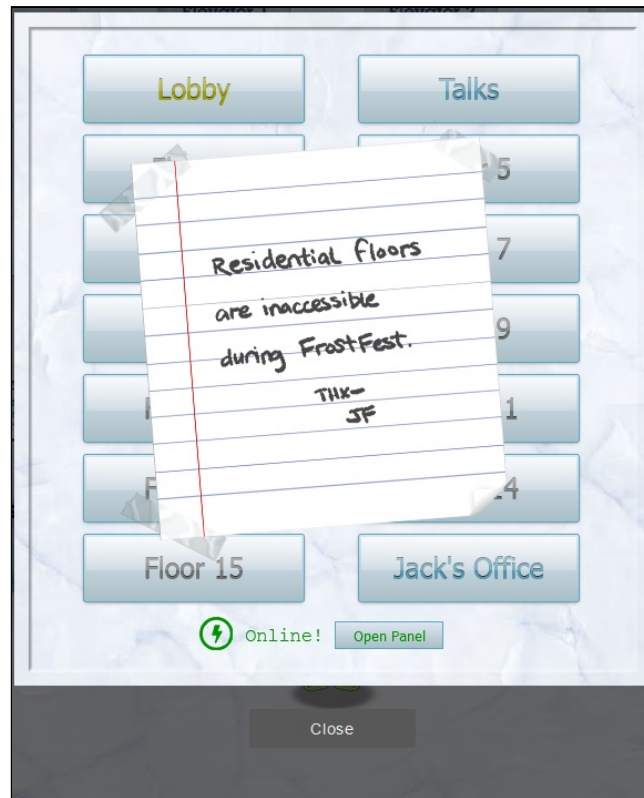
9. Click `lift` button

10. Click the Open Panel button

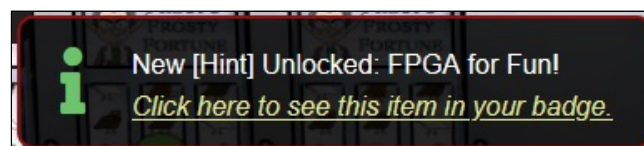11. Re-arrange Gates to the following

12. Click the `Close Panel` button

13. Click the `Close` button

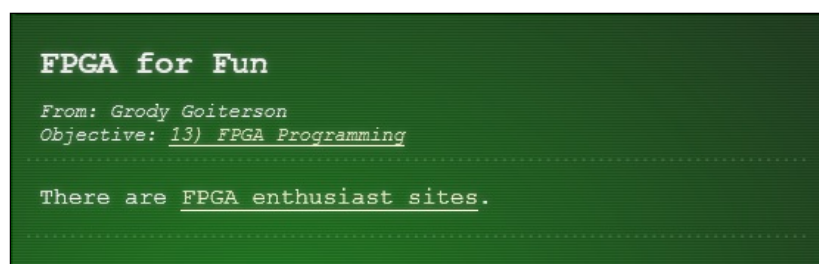14. Click to talk to `Grody Goiterson`

> Oooo... That's it!
>
> A deal's a deal. Let's talk FPGA.
>
> First, did you know there are people who do this stuff for fun??

New [Hint] Unlocked: FPGA for Fun!
Click here to see this item in your badge.

15. Click the `i` (Hints) icon

16. Click `FPGA for Fun`

FPGA for Fun

From: Grody Goiterson
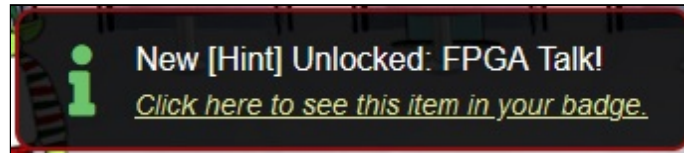*Objective: 13) FPGA Programming*
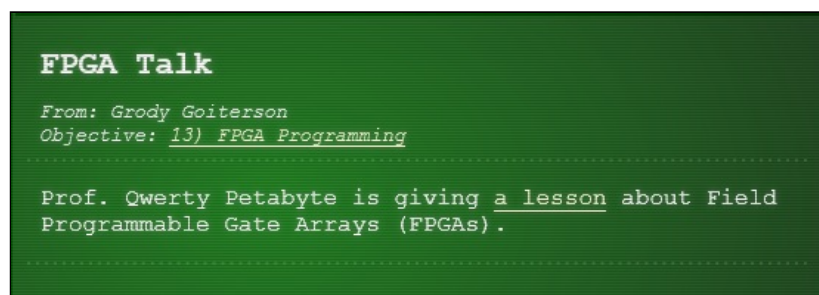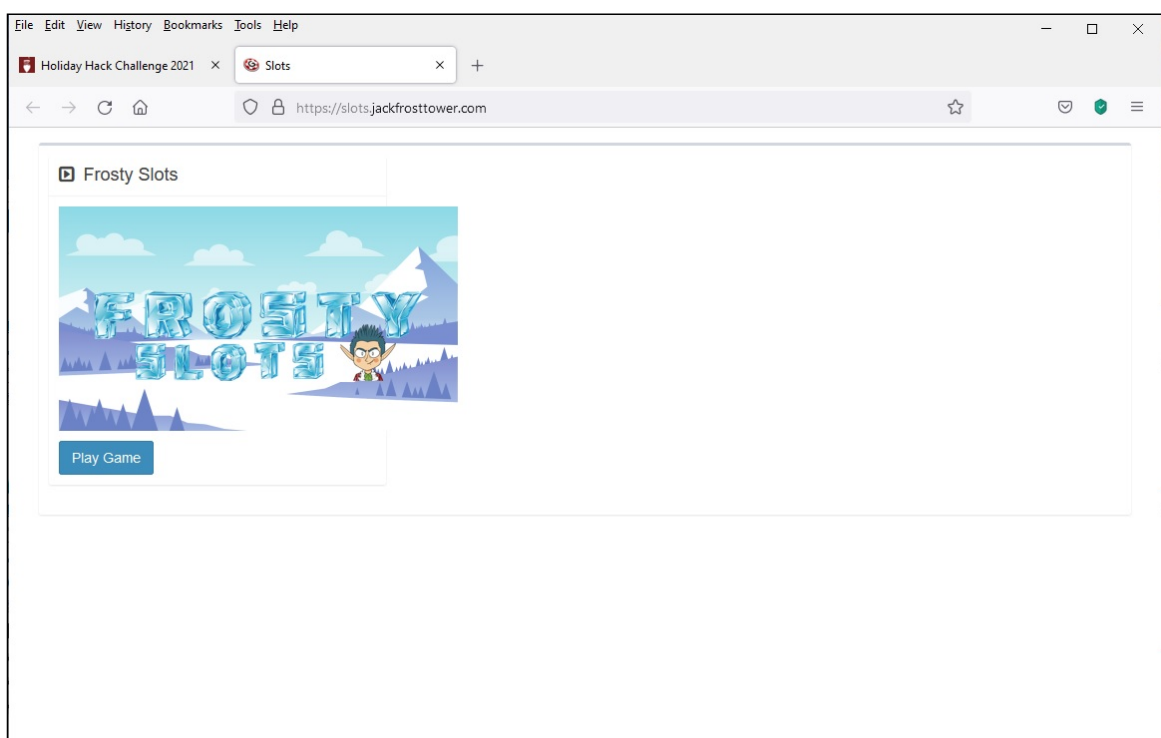
There are FPGA enthusiast sites.
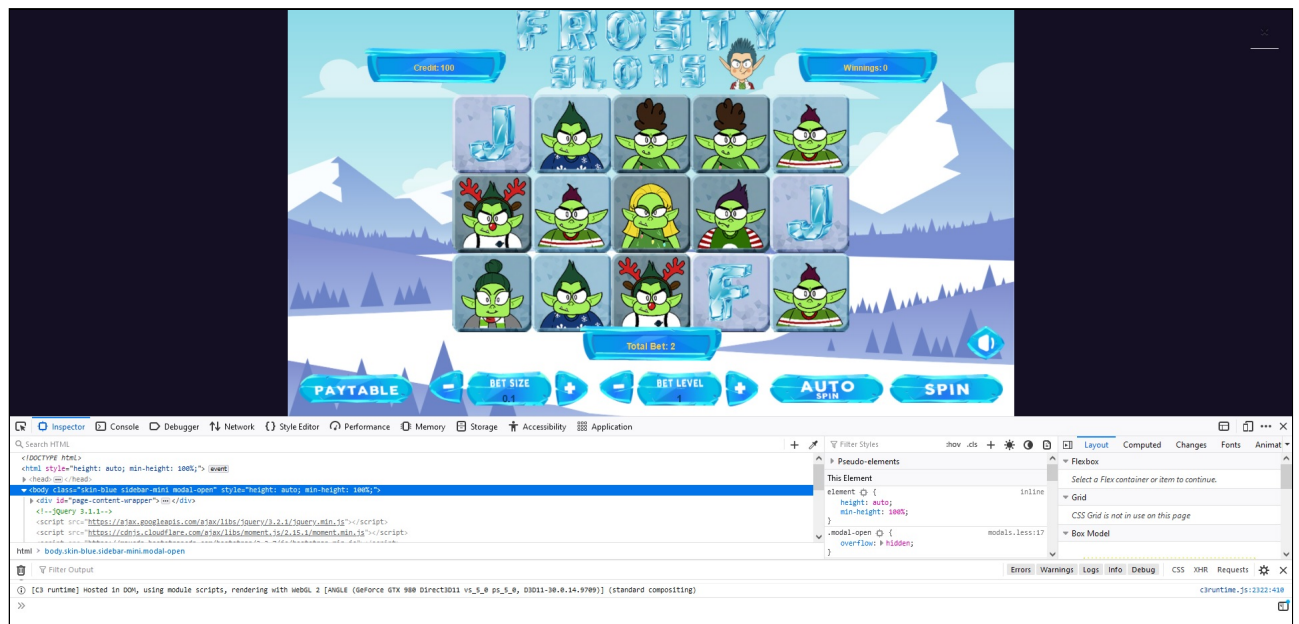
17. Click `[Exit]`

18. Click to talk to Grody Goiterson

> I mean, I'm more into picking on other trolls for fun, but whatever.
>
> Also, that Prof. Petabyte guy is giving a talk about FPGAs. Weirdo.

New [Hint] Unlocked: FPGA Talk!
Click here to see this item in your badge.

19. Click the i (Hints) icon

20. Click FPGA Talk

FPGA Talk

From: Grody Goiterson
Objective: 13) FPGA Programming

Prof. Qwerty Petabyte is giving a lesson about Field Programmable Gate Arrays (FPGAs).

21. Click [Exit]

22. Click to open a Second browser tab

23. Navigate to https://slots.jackfrosttower.com/
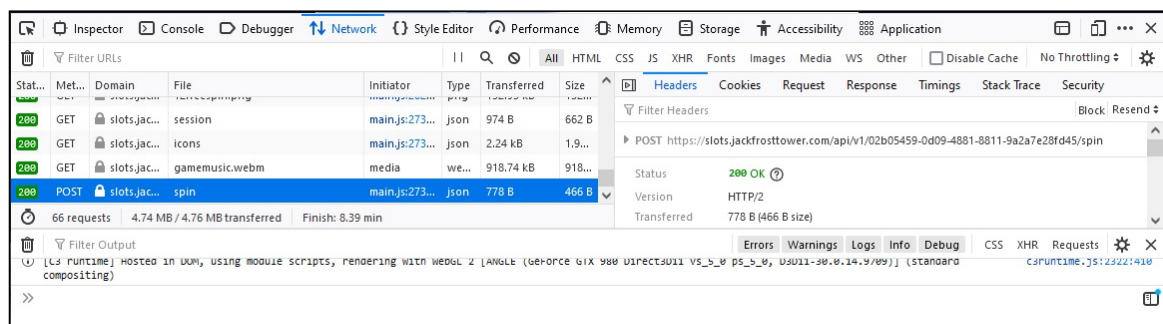

24. Press F12 to open the Developer Tools

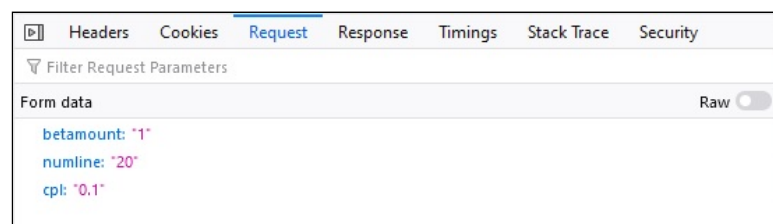25. Click the `Play Game` button

26. Click the `Play` button

27. Click the `SPIN` button and then click the `Network` tab

28. Click `POST`

29. Click the `Request` tab

30. Right click `POST` and then select `Edit and Resend` from the drop-down menu

31. Scroll `Down` the New Request
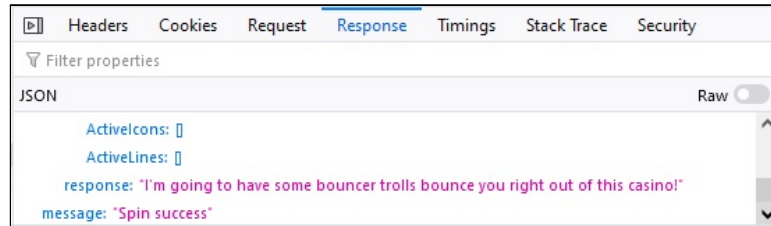

32. Modify the Request Body to `betamount=1000&numline=20&cpl=-0.1`

33. Scroll Up and then click the Send button

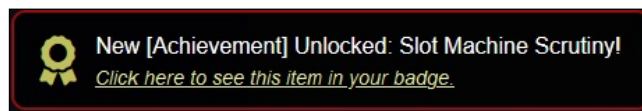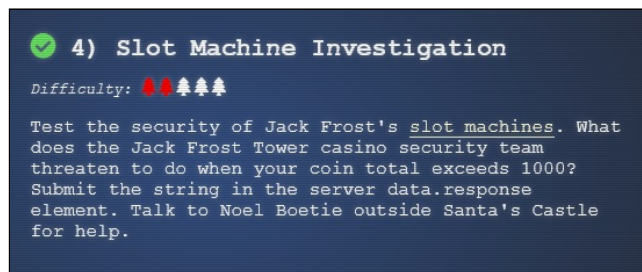34. Click POST and then click the Response tab

35. Scroll Down the JSON

36. Press F12 to close the Developer Tools and then close the Second browser tab

37. Click Tick (Objectives) icon

38. Click 4) Slot Machine Investigation

39. Type I'm going to have some bouncer trolls bounce you right out of this casino!

40. Click the Submit button

41. Click [Exit]

42. Click to talk to Hubris Selfington

Yeah, that's exactly how I would have solved it, but thanks.

43. Click the lift button

44. Click the Talks button to move to the FrostFest Talks Lobby