Lesson 14 - Lottery Game

Instructions

Aim

The aim of the game is to get to the top of the leaderboard, so get as high a score as you can, and make sure the other teams get a low score.

Playing the game

1. Talk to your team mates and chose a team name

2. Ensure your team has some Rinkeby ether, you will need about 0.5 ETH
   If you need some ETH, go to Faucet or ask on sli.do

3. You will need to have metamask installed

4. Go to the game website : https://lottery.extropy.live/

5. Register your team, you need

   - A team name
   - Your wallet address
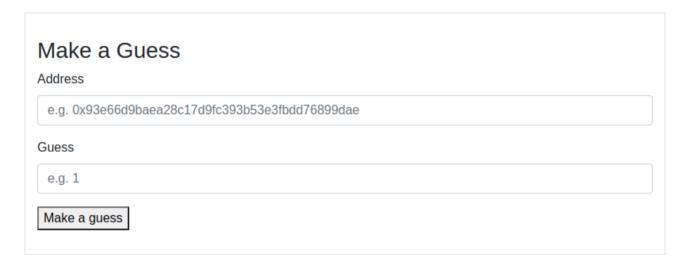   - A password

To register your team, you will need to pass in some ETH.

Your team should now appear on the leader board

Team Scores

#	Team Name	Address	Score
1	Default Team	0x0000000000000000000000000000000000000000	5
2	Best team	0x0e11fe90bc6aa82fc316cb58683266ff0d005e12	5

You can now play the game

5. Make a guess at the random number, you need to enter

- Your teams address
- Your guess at the random number (it is a small number < 50)

Make a Guess

Address

e.g. 0x93e66d9baea28c17d9fc393b53e3fbdd76899dae

Guess

e.g. 1

Make a guess

If you guess correctly you will get points, otherwise you will lose points

You will see that the contract has some ether, an additional challenge is to see if you can drain the contract.

Contract code

These gists Lottery Oracle have the contract code
Read through the code and think how you can exploit it.