Workshop Guide:

Set up ICONex wallet and Docker if you have not done so already:

Install ICONex Wallet:

https://icon-project.github.io/docs/wallet.html#using-iconex

Point it to the Testnet:

https://icon-project.github.io/docs/icon_network.html

Install Docker:

https://www.docker.com/get-started

Check your installation:

https://docs.docker.com/get-started/#test-docker-installation

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>docker --version

>docker pull ibriz/icon-workshop

Or, if you have to load from a flash drive:

>docker load -i /Volumes/iBriz1/ibriz_icon_workshop.tgz

>docker images

Keep a browser tab open to refer to the code:

repo:

- https://gitlab.com/ibriz/icon-dice-roll

SCORE:

- https://gitlab.com/ibriz/icon-dice-roll/blob/master/dice-roll/diceroll.py

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>docker run -it -p 127.0.0.1:9000:9000 -p 127.0.0.1:5000:5000 --rm ibriz/icon-workshop:latest

Open another terminal tab with a shell for the container. You will need it later.

>docker ps   #lists the container id

>docker exec -it <container-id> /bin/bash

(This will open in the /tbears directory)

>tbears --help

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>tbears deploy dice-roll -k keystores/keystore_test1.json -c config/tbears_cli_config.json

(Password: test1_Account)

>tbears txresult <txhash>

<Presentation Slide 8>

Copy the scoreAddress from the result

<Presentation Slide 9>
Edit the file testcmdline/send_set_treasury.json
>vi /tbears/icon-dice-roll/testcmdline/send_set_treasury.json
Update destination SCORE address (to: attribute)

>tbears sendtx -k keystores/keystore_test1.json -c config/tbears_cli_config.json
testcmdline/send_set_treasury.json

>tbears balance <score address>

<Presentation Slide 10>
Edit webapp/main.py to update SCORE address
>vi /tbears/icon-dice-roll/webapp/main.py
Replace the address assigned to default_score on line 17.

<Presentation Slide 11>
Edit the file testcmdline/send_bet.json
>vi /tbears/icon-dice-roll/testcmdline/send_bet.json
Update destination SCORE address (to: attribute)

>tbears sendtx -k keystores/keystore_test1.json -c config/tbears_cli_config.json
testcmdline/send_bet.json

<Presentation Slide 12>
>tbears txresult <txhash>
>tbears balance <score address>

<Presentation Slide 13>
>tbears sendtx -k keystores/keystore_test1.json -c config/tbears_cli_config.json
testcmdline/send_bet.json

<Presentation Slide 14>
Set up ICONex wallet and Docker if you have not done so already:
Install ICONex Wallet:
https://icon-project.github.io/docs/wallet.html#using-iconex

Copy your keystore file into the container:
>docker ps
>docker cp <UTC--2018-???> <container id>:/tbears/icon-dice-roll/keystores/keystore1.json

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Point your wallet to the Testnet:
https://icon-project.github.io/docs/icon_network.html

Request ICX from the faucet app:
http://52.88.70.222/

<Presentation Slide 17>
Deploy to Testnet:
>tbears deploy dice-roll -k keystores/keystore1.json -c config/tbears_cli_config_testnet.json

>tbears txresult <txhash> -c config/tbears_cli_config_testnet.json

Check if it was successfully deployed:
https://bicon.tracker.solidwallet.io/contract/<score_address>

<Presentation Slide 18>
Edit the file testcmdline/send_set_treasury.json
>vi /tbears/icon-dice-roll/testcmdline/send_set_treasury.json
Update destination SCORE address (to: attribute)

>tbears sendtx -k keystores/keystore1.json -c config/tbears_cli_config_testnet.json
testcmdline/send_set_treasury.json

https://bicon.tracker.solidwallet.io/contract/<score_address>

<Presentation Slide 19>
Edit webapp/main.py to update SCORE address
>vi /tbears/icon-dice-roll/webapp/main.py
Replace the address assigned to default_score on line 17.
On line 18 replace http://127.0.0.1:9000/api/v3 with
https://bicon.net.solidwallet.io/api/v3

>cd /tbears/icon-dice-roll/webapp
>python3 main.py

<Presentation Slide 20>
Send from your wallet to the SCORE and check with the tracker
https://bicon.tracker.solidwallet.io/contract/<score_address>