di.ionio.gr

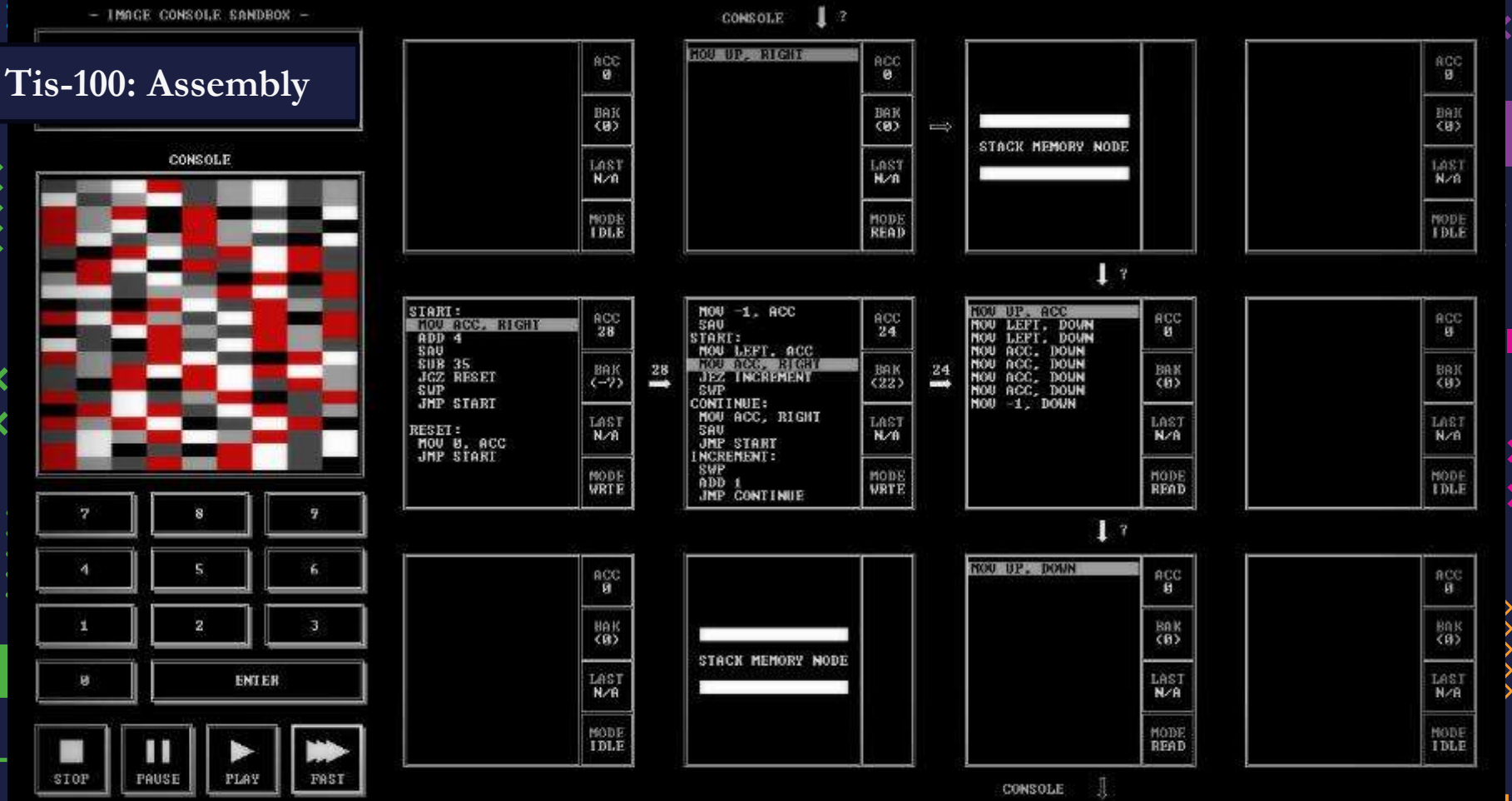
Corfu

Gamification and Game Based Learning

Μάθημα: Διδακτική της Πληροφορικής

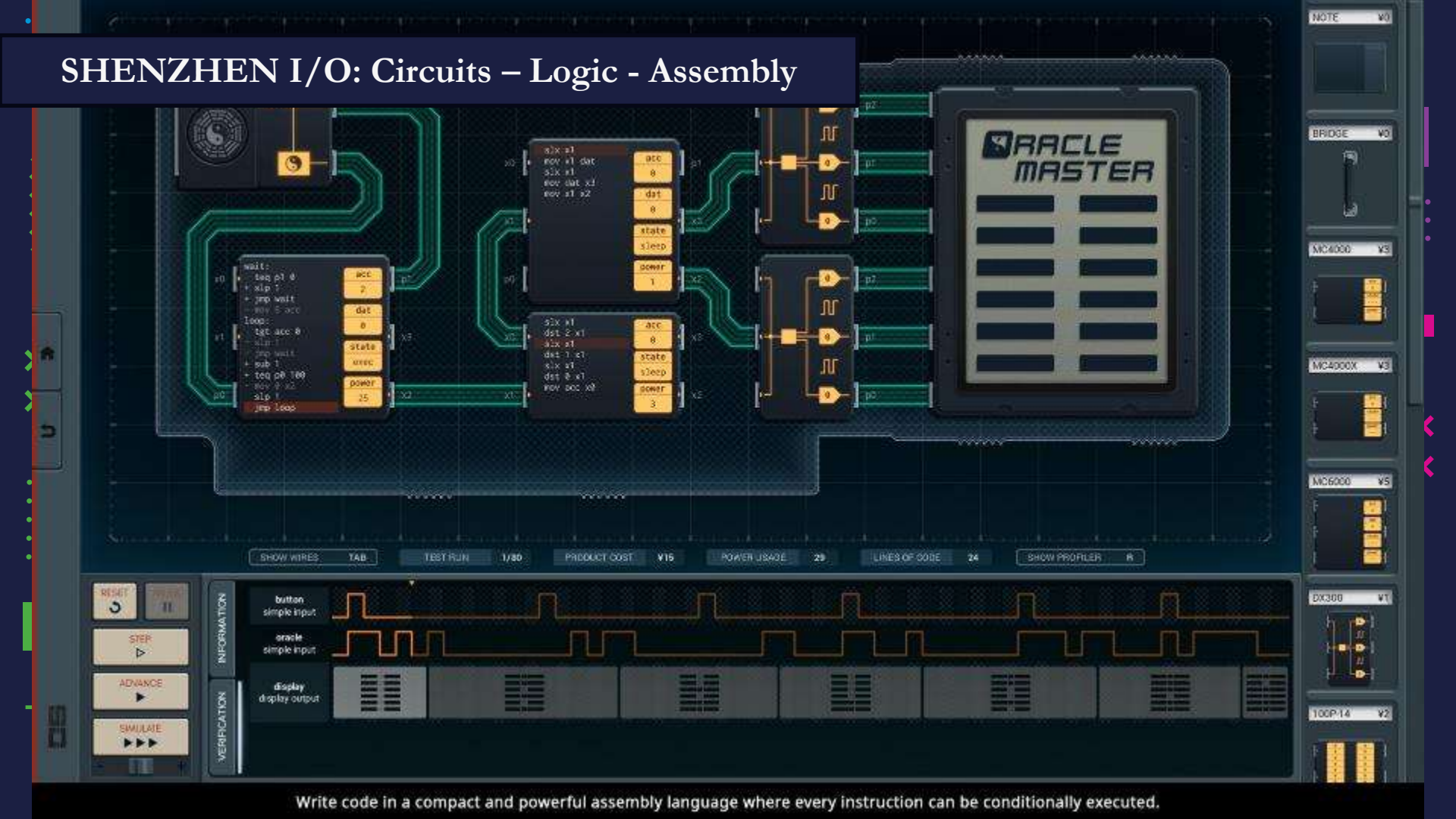
Παρουσίαση: Στυλιανός Καραγιάννης (Μεταδιδάκτορας)

Tis-100: Assembly



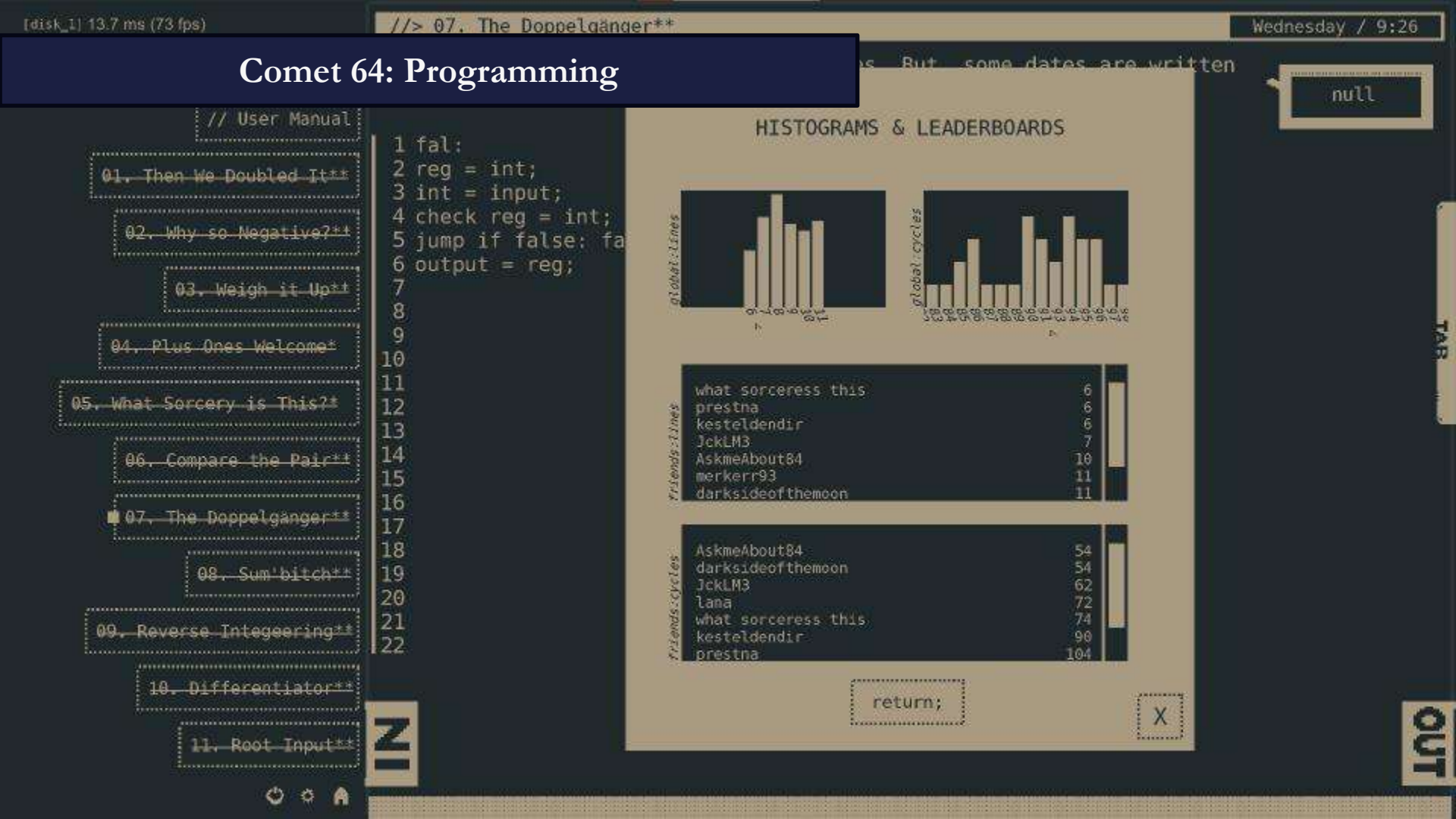
CREATE YOUR OWN PROGRAMS IN THE SANDBOX

SHENZHEN I/O: Circuits – Logic - Assembly

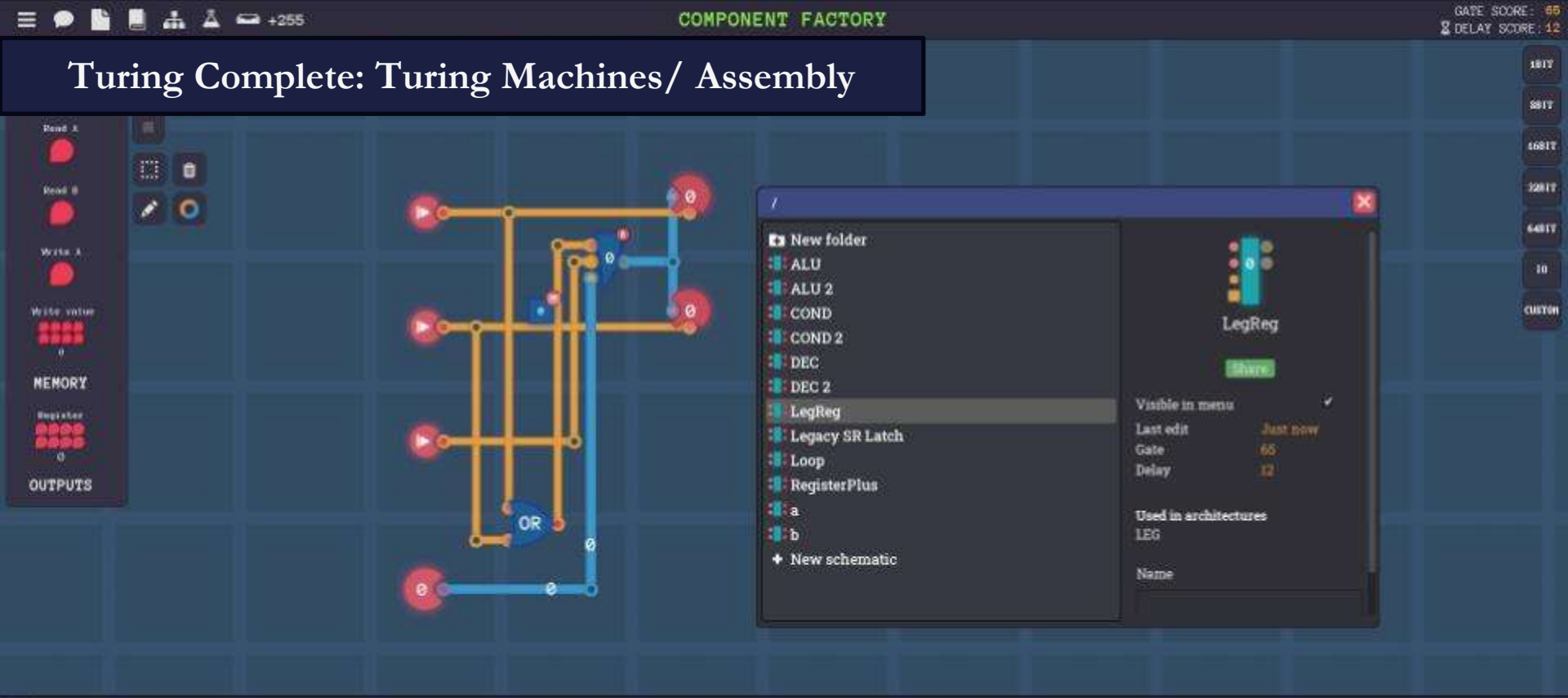


Write code in a compact and powerful assembly language where every instruction can be conditionally executed.

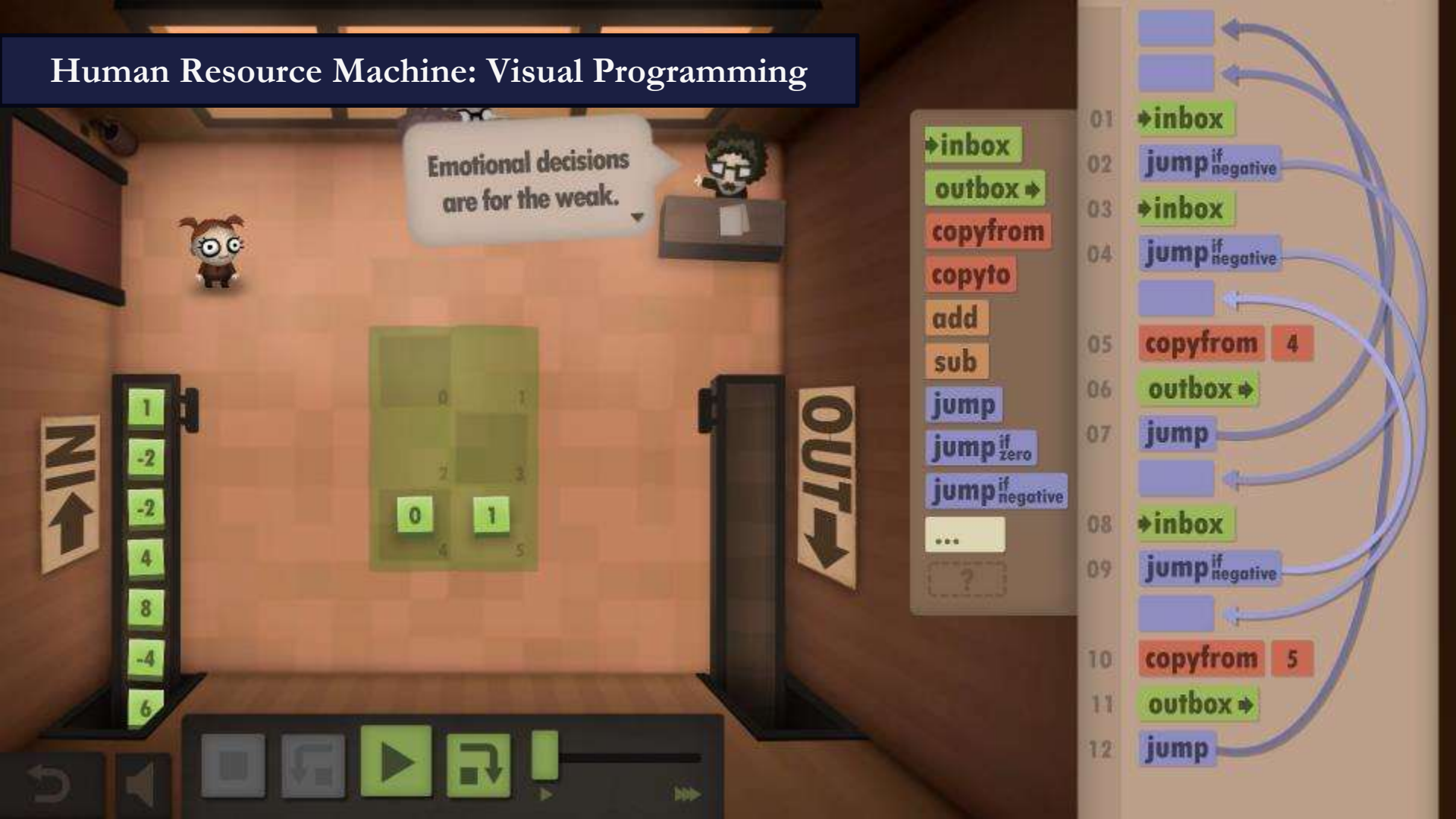
Comet 64: Programming



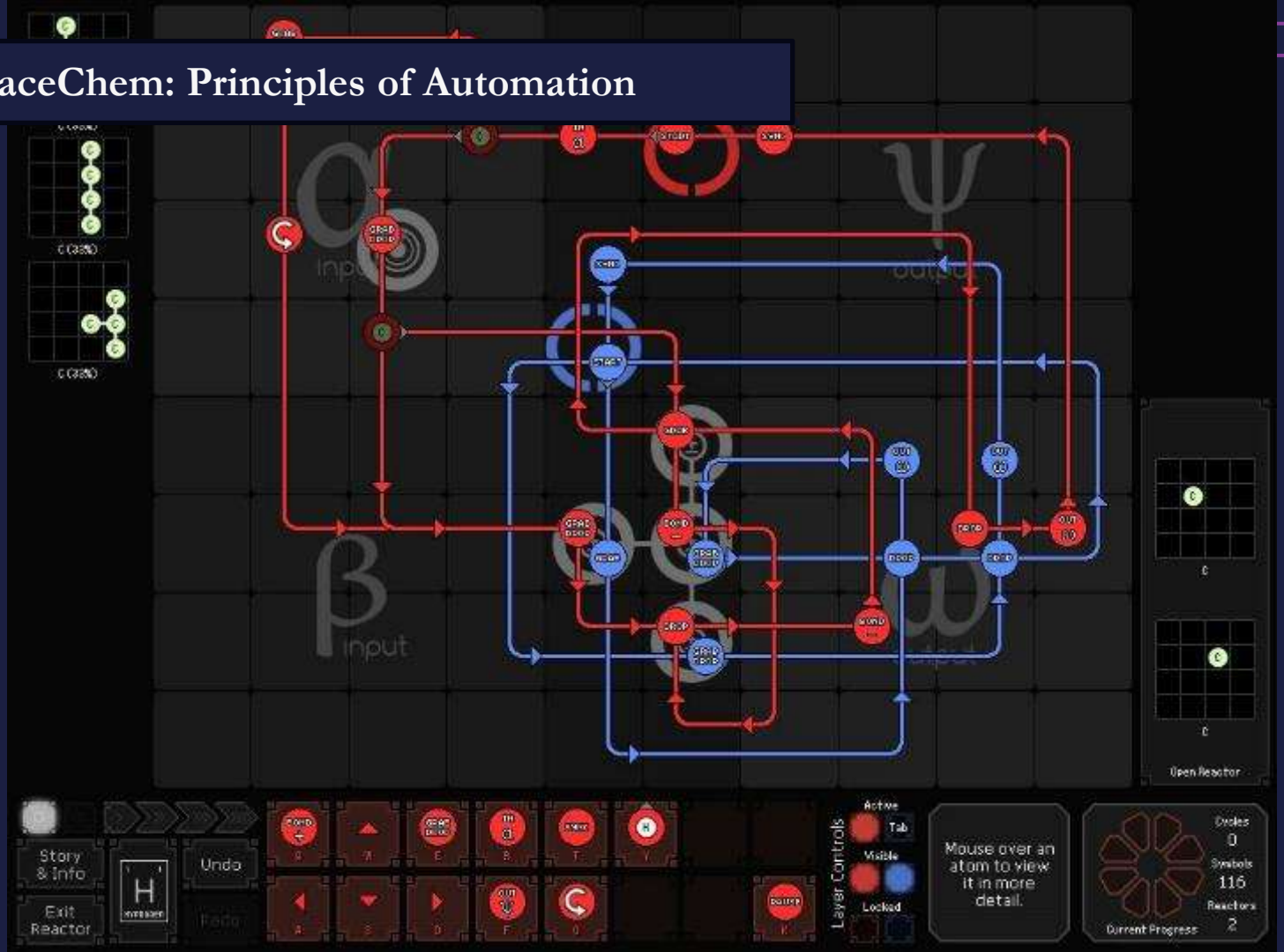
Turing Complete: Turing Machines/ Assembly

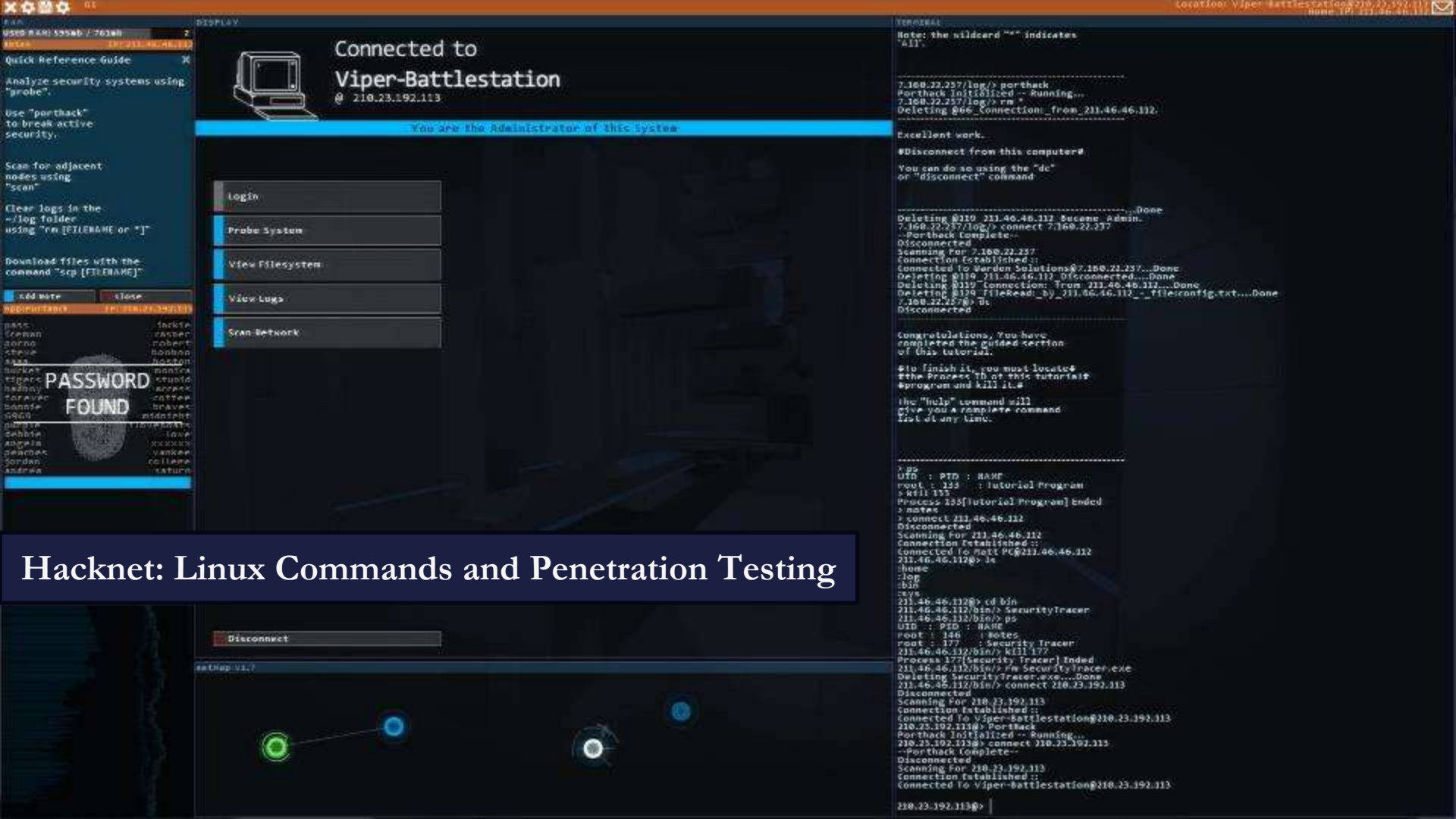


Human Resource Machine: Visual Programming

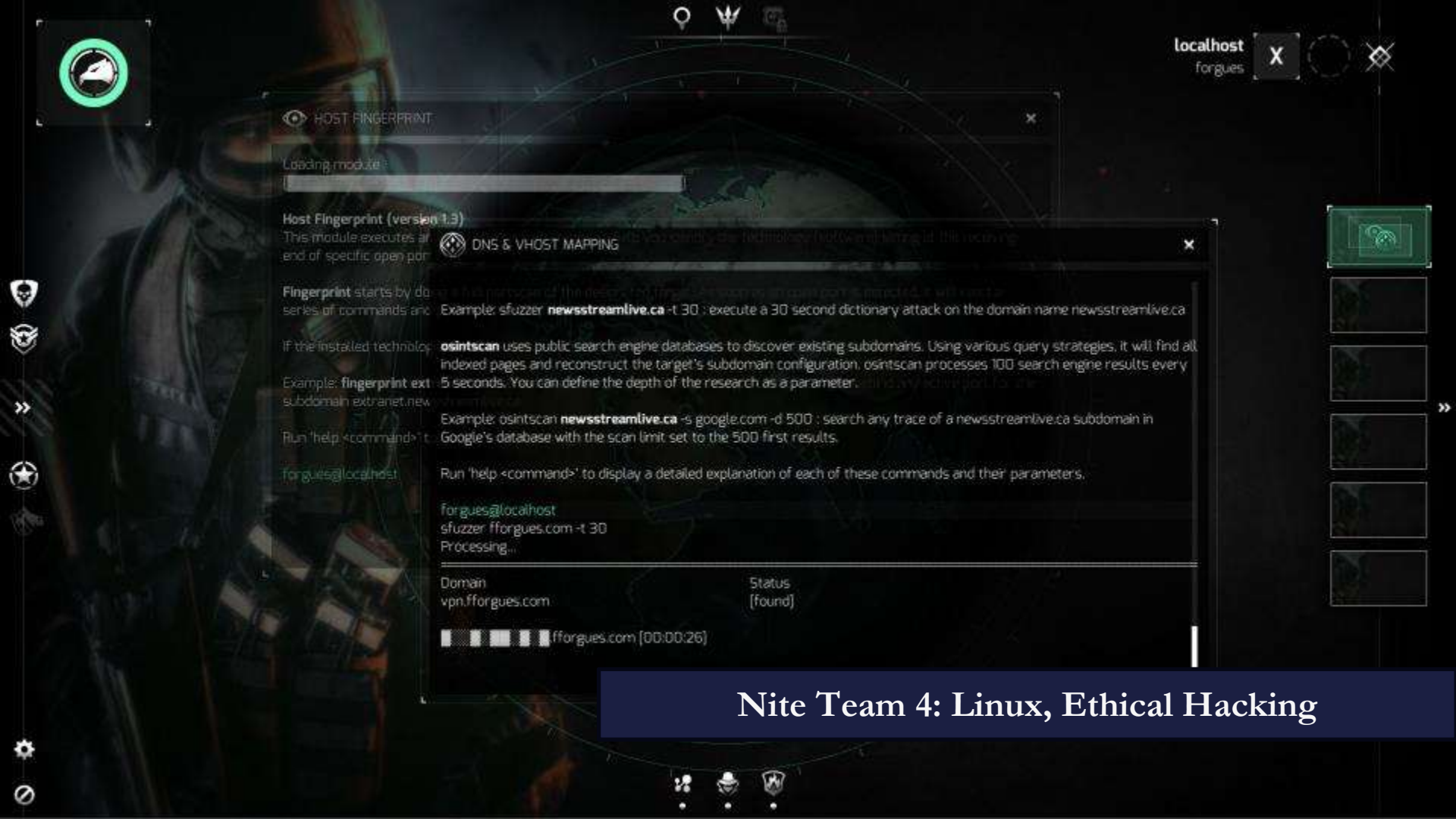


SpaceChem: Principles of Automation

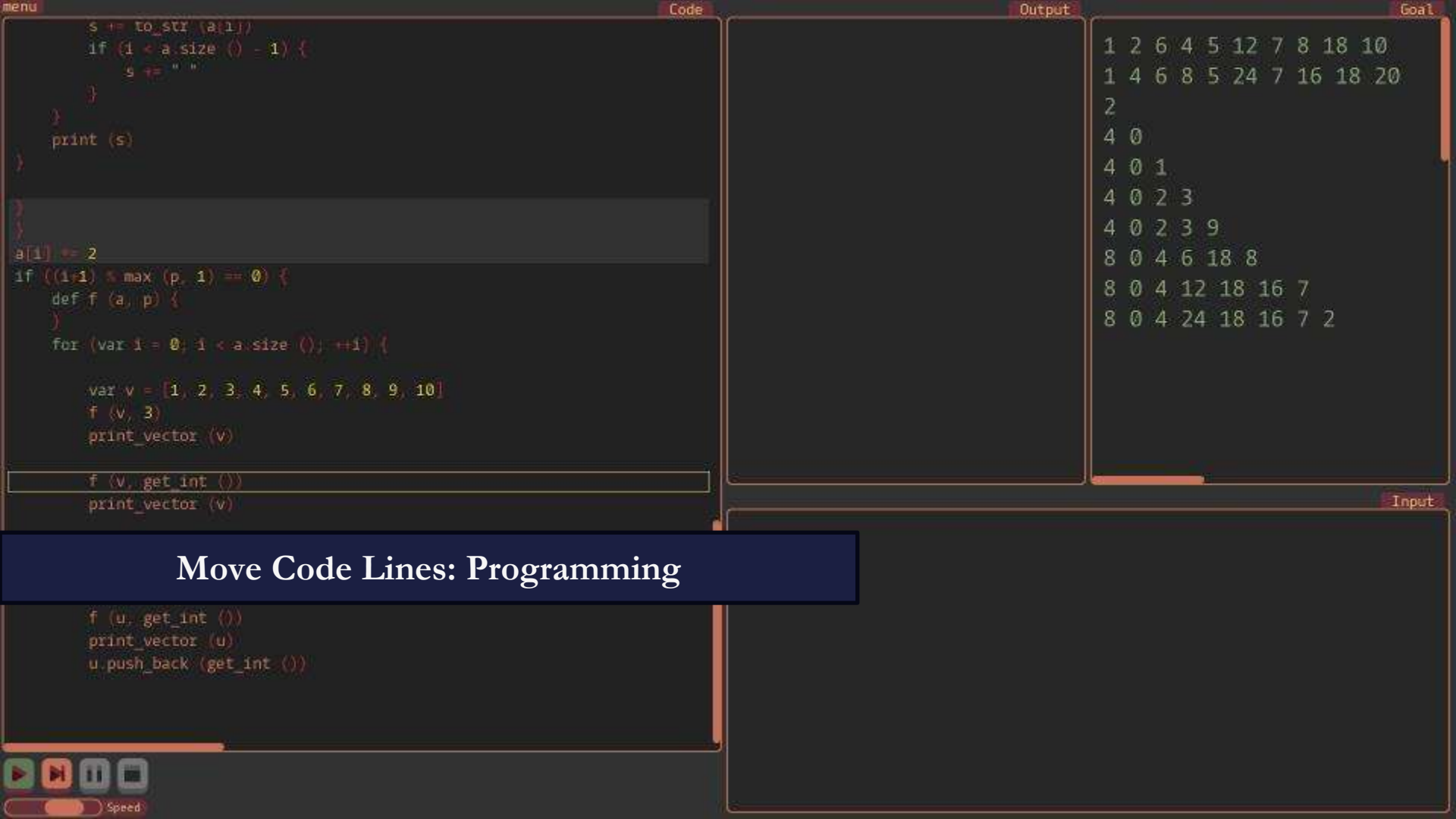




Hacknet: Linux Commands and Penetration Testing



Nite Team 4: Linux, Ethical Hacking



Move Code Lines: Programming

KnotBot: Programming Visual, “Junior”

TIS-100
https://www.youtube.com/watch?v=ZkUHGvy2pNU

SHENZHEN I/O
https://www.youtube.com/watch?v=uUZb66Mz6u4

Comet64
https://www.youtube.com/watch?v=N9lckngCXeA
https://www.youtube.com/watch?v=kuKl8xLGqho

Turing Complete
https://www.youtube.com/watch?v=-YY73ejihZo
https://www.youtube.com/watch?v=JSd3sgcXm0I

Human Resource Machine
https://www.youtube.com/watch?v=428R_oEjGGI
https://www.youtube.com/watch?v=IG1W0ny0btM

SpaceChem
https://www.youtube.com/watch?v=H5yMg7WYQ5E
https://www.youtube.com/watch?v=RjYOYtd298o

Hacknet
https://www.youtube.com/watch?v=CcoH1X-nqLk
https://www.youtube.com/watch?v=zrDRMXRxmxY
https://www.youtube.com/watch?v=bwQMmiPl5Ow

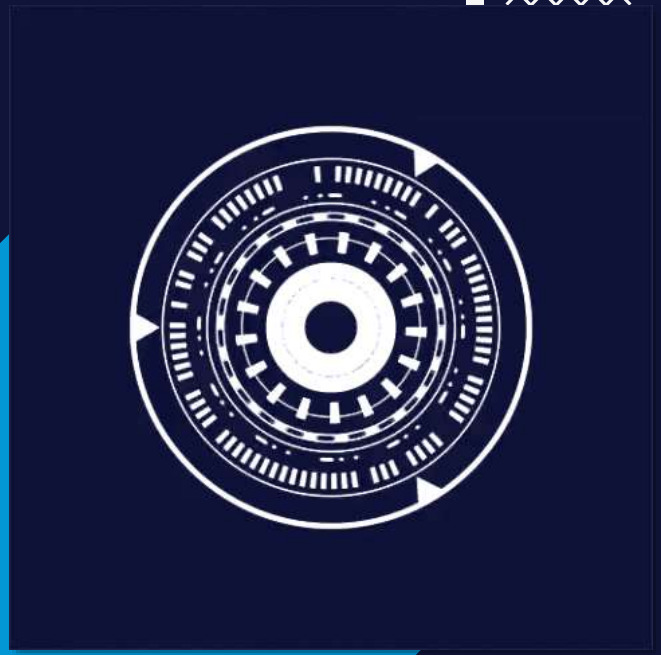
Nite Team 4
https://www.youtube.com/watch?v=bUa7AJv1V_g
https://www.youtube.com/watch?v=LLtUyVLya2c&t=4s

Move Code Lines: Programming
https://www.youtube.com/watch?v=Mf333G42dnE

KnotBot
https://www.youtube.com/watch?v=8MNRdtAG4aQ
https://www.youtube.com/watch?v=o3JVoelxSyA

Robotics/ Simulation
https://webots.cloud/simulation
https://centerstage.vrobotsim.online/homepage.html
https://robotbenchmark.net/
https://gazebosim.org/home

https://www.codewars.com/
https://codecombat.com/



Thank you!

[NMSLAB]: Networks, Multimedia, Security and Privacy

Website: nmslab.di.ionio.gr

Department of Informatics, Ionian University