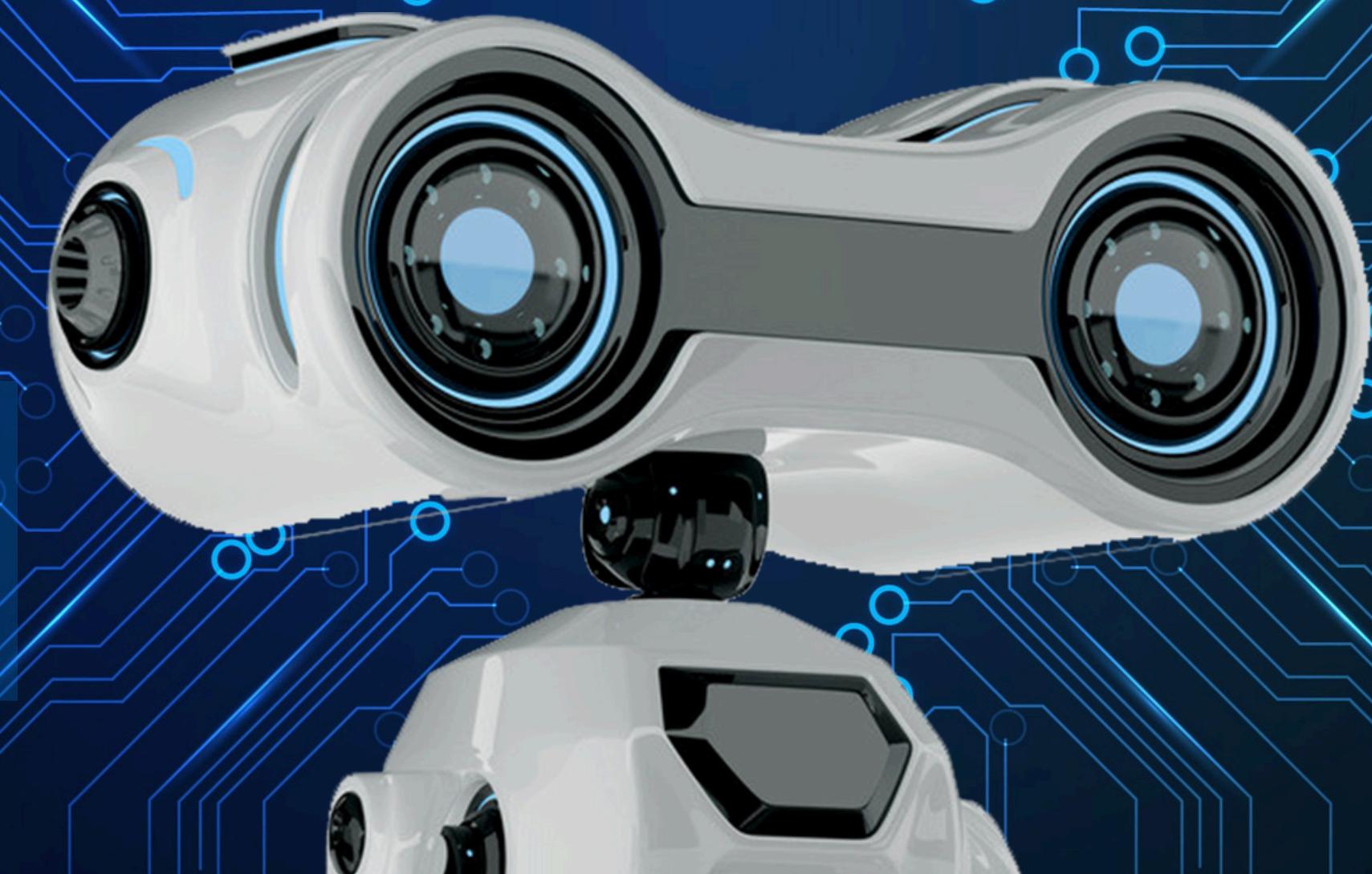


PRO LABS ROBOTICS

# Humanoid operating system



# What is HOS?



Giving a humanoid a smart mind so it can handle many tasks without needing to learn each one separately.

# 2 parts in a humanoid

1. Robotic Arm (working)
2. Movable Car/legs (navigation)

# Robotic arm (worker) Has been created by my partner(s) at gemini robotics



[Watch video on YouTube](#)

Error 153

Video player configuration error



I need to first build the navigation system, including the vehicle base or legs, and then integrate the Gemini Robotics arm to complete the humanoid.

## System prompt:

You are a very experienced driver. this is the top view camera and you're seeing from the top view.  
the red dot/circle is the car, The black arrow facing front.

only reply in one word to navigate:

- 1.to move the robot forward (1 cm): reply “front”
- 2.to move the robot Backward (1 cm): reply “back”
- 3.to turn the robot left (30°): reply “left”
- 4.to turn the robot right (30°): reply “right”
- 5.to stop the robot: reply “stop”

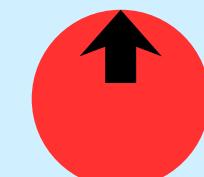
# Board Layout

Living room

Kitchen

Bed Room

Bathroom



# thank you



Robotics