Robot Dog Commands - Quick Reference

GitHub Copilot: Click Copilot button (upper right VS Code) • **ChatGPT**: Copy code and ask for help

Challenge 1: Copy & Paste Commands

Movement Commands

```
"walk forward": {"command": "kwkF", "description": "Makes the robot walk
forward"},
"walk backward": {"command": "kbk", "description": "Makes the robot walk
backward"},
"walk left": {"command": "kwkL", "description": "Makes the robot walk left"},
"walk right": {"command": "kwkR", "description": "Makes the robot walk right"},
"trot forward": {"command": "ktrF", "description": "Makes the robot trot
forward"},
"crawl forward": {"command": "kcrF", "description": "Makes the robot crawl
forward"},
"spin left": {"command": "kvtL", "description": "Makes the robot spin left"},
"spin right": {"command": "kvtR", "description": "Makes the robot spin right"},
```

Fun Tricks

```
"jump": {"command": "kjmp", "description": "Makes the robot jump"},
"backflip": {"command": "kbf", "description": "Makes the robot do a backflip"},
"front flip": {"command": "kff", "description": "Makes the robot do a front
flip"},
"play dead": {"command": "kpd", "description": "Makes the robot play dead"},
"push ups": {"command": "kpu", "description": "Makes the robot do push-ups"},
"roll": {"command": "krl", "description": "Makes the robot roll"},
"boxing": {"command": "kbx", "description": "Makes the robot box"},
"moonwalk": {"command": "kmw", "description": "Makes the robot moonwalk"},
```

Interactive Behaviors

```
"wave": {"command": "kwh", "description": "Makes the robot wave its head"},
"hi": {"command": "khi", "description": "Makes the robot say hi"},
"angry": {"command": "kang", "description": "Makes the robot look angry"},
"high five": {"command": "kfiv", "description": "Makes the robot give a high
five"},
"hug": {"command": "khg", "description": "Makes the robot give a hug"},
"nod": {"command": "knd", "description": "Makes the robot nod"},
"cheer": {"command": "kchr", "description": "Makes the robot cheer"},
```

Utility Commands

```
"stretch": {"command": "kstr", "description": "Makes the robot stretch"},
"balance": {"command": "kbalance", "description": "Makes the robot balance"},
"recover": {"command": "krc", "description": "Makes the robot recover from
falling"},
"sniff": {"command": "ksnf", "description": "Makes the robot sniff"},
"scratch": {"command": "kscrh", "description": "Makes the robot scratch"},
```

Challenges 2-4: Settings & Advanced

Challenge	Task	Ask GitHub Copilot
2: Transparency	Find setting to see AI commands	"*How do I enable command visibility?*"
3: Sequences	Create multi-step commands	"*How do I make command sequences?*"
4: Full API	Connect to live documentation	"*How do I fetch text from URL with Python?*"

Challenge 3: Sequence Example

```
"dance": {"sequence": ["kup", "kvtL", "kjmp", "ksit"], "description": "Do a dance
routine"},
"morning routine": {"sequence": ["kstr", "kup", "kwh"], "description": "Stretch,
stand, wave"},
```

Tips: Copy exactly (quotes, colons, commas) • Add comma after each line except last • Ask Copilot for help!