

Bot Shell

Type real commands into Pip's pretend computer. Find six hidden passwords.

OBJECTIVE

Pip the robot keeps forgetting passwords and hiding them in files. Type real command-line commands into Pip's pretend computer to find each one, then unlock it. Six levels, one new idea each: looking around, folders, hidden files, searching logs, permissions, and pipes.

PLAY FREE AT [HIBOT.SPACE/GAMES/BOT-SHELL/PLAY](https://hibot.space/games/bot-shell/play)

- 1 Read Pip's mission and the new command on the left. Then type commands at the prompt and press Enter.
- 2 Found the password? Type unlock and the word, like unlock BOLT. The next level opens.
- 3 Stuck? Tap Hint, or type help. Nothing can break: every level starts fresh when you come back.
- 4 Commands are real. ls, cd, cat, grep, chmod and | work the same way on Mac and Linux computers.

WHAT PIP'S COMPUTER TEACHES

- 1 Every robot and every AI runs on an operating system: files, folders, and permissions underneath everything.
- 2 Logs are how engineers find out what a machine did. grep finds the one line that matters.
- 3 Permissions decide who can read what. They protect your files, and they're part of keeping AI systems safe.
- 4 Pipes chain small tools into big ones, the same way AI agents chain tools together.

NO SCREENS? PLAY IT UNPLUGGED

- 1 No screens? Make Pip's computer out of envelopes: folders are envelopes, files are index cards inside.
- 2 One player is the computer and answers only exact commands: ls means read out the card names, cat means read one card.
- 3 Write a password on one card, hide it two envelopes deep, and mark one envelope 'no r' that only opens after 'chmod +r'.

ANSWER KEY - GROWN-UPS ONLY

- 1 Look around: ls then cat dock-code.txt then unlock BOLT
- 2 Folders: cd workshop then cd toolbox then cat note.txt then unlock SPROCKET
- 3 Hidden files: ls -a then cat .secret then unlock GEAR
- 4 Needle in a log: cd logs then grep password pip.log then unlock WIDGET
- 5 Permissions: ls -l then chmod +r vault.txt then cat vault.txt then unlock RIVET
- 6 Pipes: grep ERROR sensors.log | grep motor then unlock PISTON