Session -9

How to Create Your Own Linux Command

You can create your own Linux command by writing a **shell script** and placing it in a directory that is part of your system's **$PATH**.

✅ Step-by-Step Guide

🔹 1. Create a Shell Script

Example: A command to say hello with your name.

bash

nano myhello

Add this content:

bash

#!/bin/bash

echo "Hello, $(whoami)! Welcome to Linux!"

Save and exit (in nano, press Ctrl+O, Enter, then Ctrl+X).

🔹 2. Make It Executable

bash

chmod +x myhello

🔹 **3. Move It to a Directory in $PATH**

bash

sudo mv myhello /usr/local/bin/

Now you can run your command from **anywhere**:

bash

myhello

✅ Output:

css

Hello, yourusername! Welcome to Linux!

Create a More Advanced Command

bash

#!/bin/bash

if [$# -eq 0]; then

  echo "Usage: greet <name>"

else

  echo "Hello, $1! Have a great day!"

fi

Save as greet, make it executable, and move to /usr/local/bin.

Use it like:

bash

greet Alice

✅ Output:

css

Hello, Alice! Have a great day!

📌 **Notes**

Task	**Command**
Edit script	nano <scriptname>
Make executable	chmod +x <scriptname>
Add to PATH	sudo mv <scriptname> /usr/local/bin/