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🐚 Bash Scripting Cheat Sheet

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✅ Script Header

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#!/bin/bash

# Tells the OS to run the script with the Bash shell

📄 Variables

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NAME="Alice"

echo "Hello, $NAME"

💬 User Input

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read NAME

echo "You entered: $NAME"

🔁 Loops

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# For Loop

for i in {1..5}; do

echo "Loop $i"

done

# While Loop

COUNT=1

while [ $COUNT -le 5 ]; do

echo $COUNT

((COUNT++))

done

🔎 Conditionals

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if [ "$NAME" = "Alice" ]; then

echo "Hi, Alice"

else

echo "You're not Alice"

fi

🛠️ Functions

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say\_hello() {

echo "Hello, $1!"

}

say\_hello "Bob"

📁 File & Folder Commands

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mkdir new\_folder # Make a folder

touch file.txt # Create a file

rm file.txt # Delete a file

ls # List contents of current directory

cd foldername # Change directory

🏷️ Useful Script Shortcuts

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$0 # Script name

$1 # First argument

$# # Number of arguments

$@ # All arguments

🔐 Make Script Executable

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chmod +x script.sh

▶️ Run the Script

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