Ghost in the Shell (Advanced Bash)

Cybersecurity
Linux 2 Day 2

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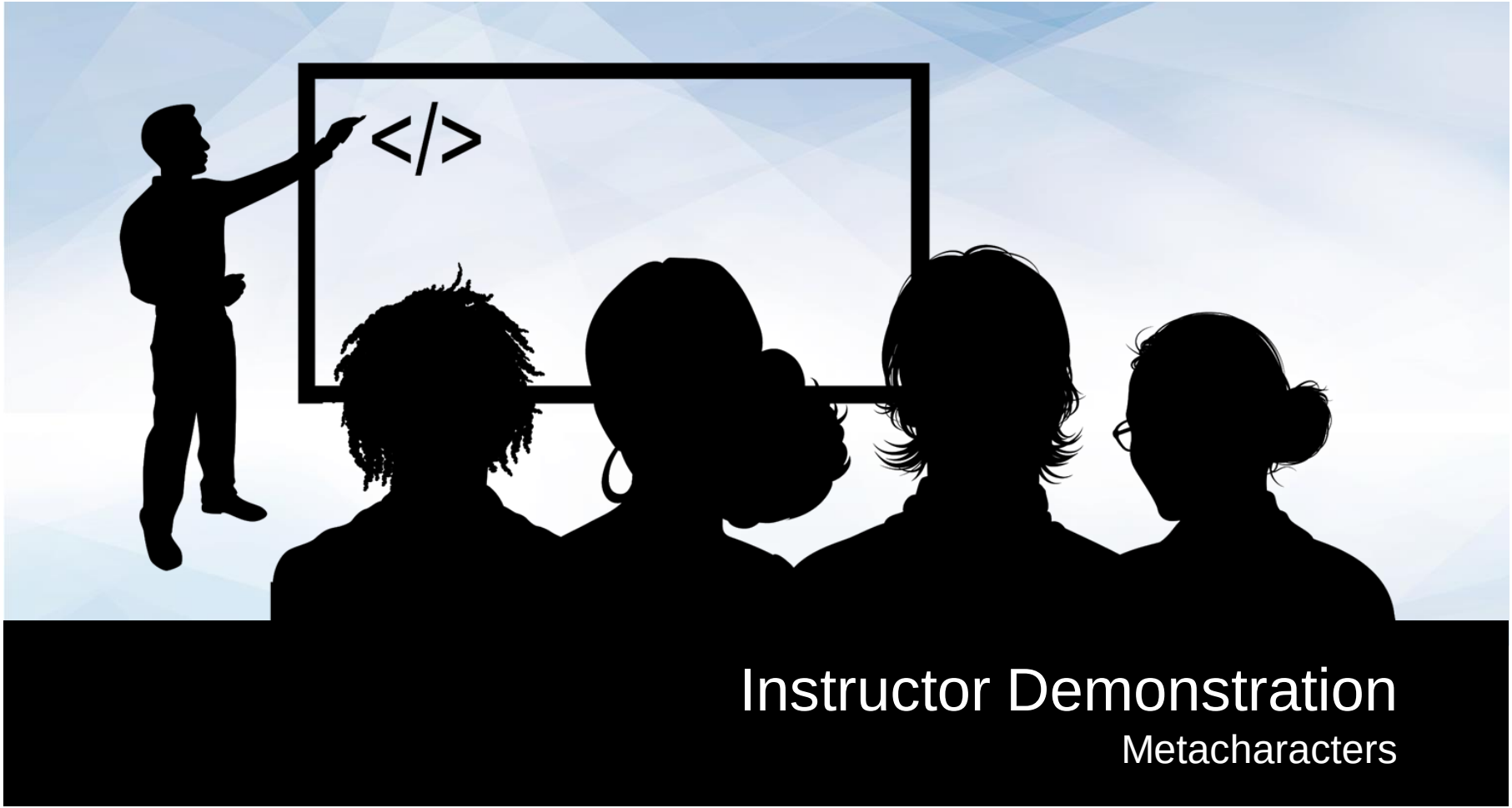
Today’s Objectives

By the end of class, you will be able to:

- Explain the role of each components of a bash command
- Use common expansion techniques
- Implement basic conditional logic with flow control operators

Metacharacters

Using metacharacters in order to navigate Linux directories, quickly search large log files, and write small scripts to automate tasks will save sysadmins a lot of time and energy.



Instructor Demonstration

Metacharacters

Activity: Exploring Metachars

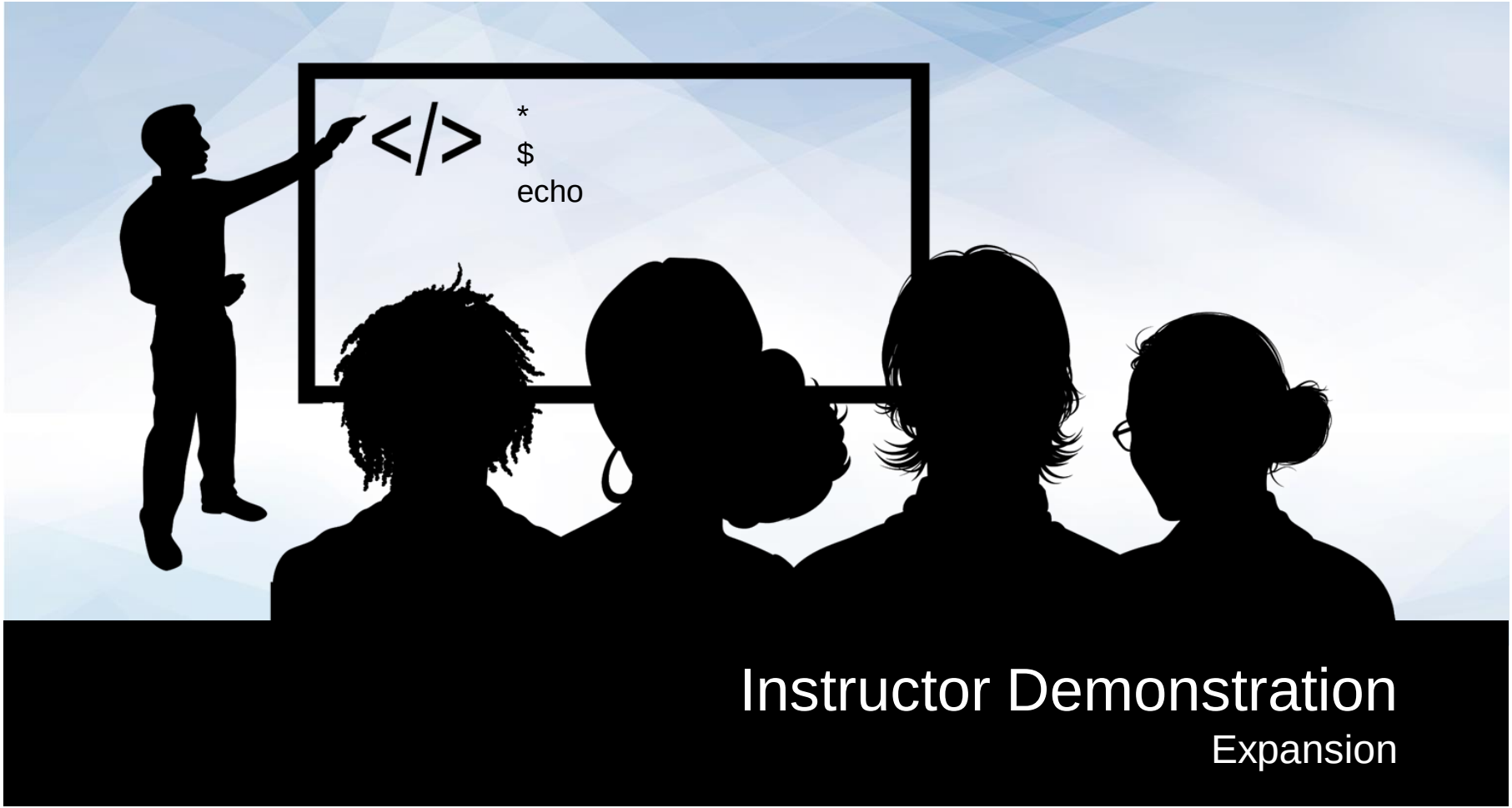
In this activity, you will explore a few common built-in variables and metacharacters.

Activities/01_Stu_Metachars/Unsolved/README.md

Suggested Time:
20 Minutes

Expansion

With expansion, we can use various meta-characters *that expand* to incorporate more information without having to type it.



Instructor Demonstration

Expansion

Activity: Expansive Bash

In this activity, you will explore a few common built-in variables and metacharacters.

Activities/02_Stu_Expansive_Bash/Unsolved/README

Suggested Time:
20 Minutes

Breaking the Chain

Instructor Demonstration

Breaking the Chain

Activity: Expansive Bash

In this activity, you will use && and || to create compound commands understand flow control.

Activities/03_Stu_Breaking_the_Chain/Unsolved/README

Suggested Time:
20 Minutes

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