

Shells, Bash, and the Command Line

Graded Quiz > 10 min

Shells, Bash, and the Command Line

10 min

Video: The Development of Shells

3 min

Reading: Shell Initialization

10 min

Reading: Aliases

3 min

Reading: Environment Variables

6 min

Reading: Customizing the Command Line Prompt

7 min

Reading: Special Characters

10 min

Reading: Redirection

10 min

Reading: Pipes

5 min

Reading: Command Substitution and Expressions

5 min

Reading: Customizing the Prompt (Lab)

30 min

Reading: Redirection and Pipes (Lab)

30 min

Quiz: Shells, Bash, and the Command Line

5 questions

Filesystem Layout, Partitions, Paths, and Links

QUIZ • 10 MIN

TO PASS: 80% or higher

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GRADE 100%

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Theoretical Computer Science

93

Operating Systems

100

Computer Programming

Grade 155

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DUE DATE Nov 16, 8:59 AM CET

ATTEMPTS 3 every 8 hours

Receive grade

TO PASS 80% or higher

Shells, Bash, and the Command Line

LATEST SUBMISSION GRADE 100%

1. Which of the following commands would add **newbin**, a directory in your home directory, to the **PATH** (Select all answers that apply)?

1 / 1 point

☒ PATH=\$HOME/newbin:\$PATH

Correct

This puts the **newbin** program at the beginning of the path.

☐ \$PATH=\$PATH:\$HOME/newbin

☒ PATH=\$PATH:\$HOME/newbin

Correct

This puts the **newbin** program at the end of the path.

☐ PATH=\$HOME/\$newbin:\$PATH

2. To make an environment variable (**VAR**) effective for only one command (**foobar**), you should do:

1 / 1 point

☐ VAR=value ; ./foobar

☐ export VAR=value ./foobar

☒ VAR=value ./foobar

☐ VAR=value && ./foobar

Correct

This is correct.

3. Which of the following expressions will give the correct mathematical result (7) for **x = 10** (Select all answers that apply)?

1 / 1 point

☐ \$ echo \$(expr \$x-3)

☒ \$ echo \$(expr \$x - 3)

Correct

This will work as intended ; try it!

☒ \$ echo \${x - 3}

Correct

This will work as intended ; try it!

☐ \$ echo \$x - 3

4. Which commands will get both the normal and error outputs of **prog** into **outfile**?

1 / 1 point

☒ foo >& file

Correct

This will work as intended ; try it!

☒ foo > file 2>&1

Correct

This will work as intended ; try it!

☐ foo 2>&1 file

☐ foo >> file

5. Which of the following commands has the correct syntax for specifying an alias?

1 / 1 point

☒ alias doitall="make clean; make all; evince output.pdf"

Correct

You can have blank spaces in an alias if you use single or double quotes.

☐ alias doitall=make clean; make all; evince output.pdf

☐ alias doitall="make clean; make all; evince output.pdf"

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11/14/20, 6:45 PM