

✔ **Congratulations! You passed!**

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1. You have a directory in your home directory named Important. The Important directory has a number of sub-directories that each have many files in them. You need to find all the files in any of the sub-directories that have the phrase "due immediately" inside of the files. The current working directory is the root. What command should you use?

1 / 1 point

- ☐ `grep "due immediately" ~/Important/*`
- ☐ `grep due immediately ~/Important/*`
- ☒ `grep -R "due immediately" ~/Important`
- ☐ `ls -l -R | grep "due immediately"`

✔ **Correct**

Correct! The -R makes the search recursive so grep will search the specified directory and all sub-directories. Since the phrase you're searching for has a space in it, it is in quotation marks. At the end of the command, you have specified the appropriate starting point for the search.

2. You want to find binary files associated with the gzip command. What command should you use?

1 / 1 point

- ☐ `whereis gzip`
- ☒ `whereis -b gzip`
- ☐ `find -type f -name "ls"`
- ☐ `grep -R gzip /`

✔ **Correct**

Correct! The -b tells the whereis command to only return binary files associated with the command.

3. You have a directory in your home directory named Important. The Important directory has a number of sub-directories that each have many files in them. You need to find all the files in any of the sub-directories that end in either .txt or .doc that have the phrase "due immediately" somewhere in the contents of the file. The current working directory is the root. What command should you use?

1 / 1 point

- ☐ `find ~/Important/ -type f -name "*.txt" -not -name "*.doc" -exec grep -H "due immediately" {} \;`
- ☐ `find -type f -name "*.txt" -name "*.doc"`
- ☐ `find ~/Important/ -type f -name "*.txt" -or "*.doc" -exec grep -H "due immediately"`
- ☒ `find ~/Important/ -type f -name "*.txt" -or -name "*.doc" -exec grep -H "due immediately" {} \;`

✔ **Correct**

Correct! The directory in which to start the search is specified right after the find command. This command limits the results to files. The files can end in .txt or .doc. The grep command is executed against the results of that search to limit the answers to the files that have the phrase "due immediately" in the contents.

