

Shell Scripting Job Interview Questions And Answers



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Shell Scripting Interview Questions And Answers Guide.

Question - 1:

How do you write a while loop in shell?

Ans:

```
while {condition} do {statement} done
```

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Question - 2:

How does a case statement look in shell scripts?

Ans:

```
case {variable} in {possible-value-1}) {statement};; {possible-value-2}) {statement};; esac
```

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Question - 3:

How do you read keyboard input in shell scripts?

Ans:

```
read {variable-name}
```

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Question - 4:

How do you define a function in a shell script?

Ans:

```
function-name() { #some code here return }
```

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Question - 5:

How do you stop all the processes, except the shell window?

Ans:

```
kill 0
```

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Question - 6:

How do you find out about all running processes?

Ans:

```
ps -ag
```

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Question - 7:

How do you stop a process?

Ans:

```
kill pid
```

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Question - 8:



What's the command to find out today's date?

Ans:

date

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Question - 9:

What's the command to find out users on the system?

Ans:

who

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Question - 10:

How do you find out the current directory you're in?

Ans:

pwd

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Question - 11:

How do you write a for loop in shell?

Ans:

for {variable name} in {list} do {statement} done

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Question - 12:

What's a way to do multilevel if-else's in shell scripting?

Ans:

if {condition} then {statement} elif {condition} {statement} fi

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Question - 13:

How do you find out the number of arguments passed to the shell script?

Ans:

\$#

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Question - 14:

How do you do Boolean logic operators in shell scripting?

Ans:

! tests for logical not, -a tests for logical and, and -o tests for logical or.

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Question - 15:

How do you test for file properties in shell scripts?

Ans:

-s filename tells you if the file is not empty, -f filename tells you whether the argument is a file, and not a directory, -d filename tests if the argument is a directory, and not a file, -w filename tests for writeability, -r filename tests for readability, -x filename tests for executability

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Question - 16:

How do you do number comparison in shell scripts?

Ans:

-eq, -ne, -lt, -le, -gt, -ge

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Question - 17:

What's the conditional statement in shell scripting?

Ans:

if {condition} then ... fi

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**Question - 18:**

How do you refer to the arguments passed to a shell script?

Ans:

, and so on. {xtypo_info}\$1, \$2 and so on. \$0 is your script name. {xtypo_info} is your script name.

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Question - 19:

How do you fire a process in the background?

Ans:

./process-name &

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Question - 20:

How do you find out what's your shell?

Ans:

echo \$SHELL

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Question - 21:

How do you list currently running process?

Ans:

ps

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Question - 22:

How do you search for a string in a directory with the subdirectories recursed?

Ans:

grep -r string *

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Question - 23:

How do you search for a string inside a directory?

Ans:

grep string *

[View All Answers](#)

Question - 24:

How do you search for a string inside a given file?

Ans:

grep string filename

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Question - 25:

How do you count words, lines and characters in a file?

Ans:

wc

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Question - 26:

How do you find out your own username?

Ans:

whoami

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Question - 27:

How do you remove recursively?

Ans:

rm -rf

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**Question - 28:**

How do you remove a file?

Ans:

rm

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Question - 29:

How do you send a mail message to somebody?

Ans:

mail somebody@globalguideline.com -s 'Your subject' -c ' cc@globalguideline.com'

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Question - 30:

What are PIDs?

Ans:

They are process IDs given to processes. A PID can vary from 0 to 65535.

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