Bash Echo – Syntax & Examples

Bash Echo Command

Bash Echo is a command in bash shell that writes its arguments to standard output.

Whatever you see in the terminal is because of echo command being executed by other programs.

Following are the topics we shall go through in this tutorial :

- Syntax
- Simple Echo Example
- Example-1 – Echo without trailing newline
- Example-2 – Echo interpreting backslash escaped characters
- Example-3 – Echo without interpretation

Syntax

Following is the syntax of echo command

```
echo [option(s)] [string]
```

Options Available with Echo Command

Following are the options available with echo command :

Option	Description	Example
-n	Trailing outline is omitted	echo -n “Learn Bash”
-E	Disable interpretation of backslash escaped characters	echo -E “Learn\nBash”
-e	Enable interpretation of backslash escaped characters	echo -e “Learn\nBash”

Examples

Terminal is a bash shell program. It can execute bash commands directly in the terminal or you may create a bash script file and run the file in terminal.

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Example 1 – Simple Echo Example

Run the echo command in terminal as shown below.

```
$ echo "Learn Bash"
Learn Bash
```

Following example demonstrates how to use echo in bash script file.

Bash Script

```
#!/bin/bash

echo "Learn Bash"
```

When you run above bash script file in Terminal, you will get the following output.

Output

```
$ ./bash-echo-example
Learn Bash
```

Example 2 – Echo Without Trailing Newline

In the following example, we will echo without trailing newline.

Run the echo command in the terminal, as shown below.

```
$ echo -n "Learn Bash"
Learn Bash arjun@arjun-VPCEH26EN:~/bash$
```

Following example demonstrates how to use echo in bash script file.

Bash Script

```
#!/bin/bash

echo -n "Learn Bash"
```

When you run above bash script file in Terminal, you will get the following output.

Output

```
$ ./bash-echo-example
Learn Bash arjun@arjun-VPCEH26EN:~/bash$
```

Example 3 – Echo Interpreting Backslash Escaped Characters

In this example, we will use Echo command interpreting backslash escaped characters.

Run the echo command in the terminal, as shown below.

```
$ echo -e "Learn\nBash"
Learn
Bash
```

Following example demonstrates how to use echo in bash script file.

Bash Script

```
#!/bin/bash

echo -e "Learn Bash"
```

When you run above bash script in Terminal, you will get the following as output.

Output

```
$ ./bash-echo-example
Learn
Bash
```

Example 4 – Echo Without Interpreting Backslash Escaped Characters

In this example, we will use Echo command without interpretation of escaped characters.

Run the echo command in the terminal, as shown below.

```
$ echo -E "Learn\nBash"
Learn\nBash
```

Following example demonstrates how to use echo in bash script file.

Bash Script

```
#!/bin/bash

echo -E "Learn Bash"
```

When you run above bash script in Terminal, you will get the following as output.

Output

```
arjun@arjun-VPCEH26EN:~/bash$ ./bash-echo-example
Learn\nBash
```

Conclusion

In this Bash Tutorial – **Bash Echo**, we have learnt the syntax of echo command, options available with echo command, with example Bash Script Files.

Bash Shell Scripting

- Bash Tutorial
- Bash Script Example
- Bash File Extension
- **Bash Echo**
- Bash Comments
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- Bash Check if variable is set