Bash Comments – Single & Multiline Comments

Bash Comments – In this tutorial, we shall learn how to provide single line and multiple line comments in a Bash Script file.

Comments are strings that help in the readability of a program. Comments are ignored while executing the commands in a Bash Script file.

Bash provides only single line comments. However, multiline comments are also feasible with a little hack.

Bash Comments

Example for Bash Single Line Comments

To write single line comments in bash, start the line with the hash symbol (#). HashBang (#!) in the first line of the script file is the only exception. Following is an example Bash Script that has single line comments in between commands.

In this example, we write single line comments that span the whole line and single line comments after a bash statement.

Bash Script File

bash-single-line-comments-example

```
#!/bin/bash
```

```
#!/bin/bash

# this is a single line comment in bash
echo Learn Bash Scripting

a=2 # this is also a comment, but after the command in same line
b=4
# addition : this is another single line comment
c=$(($a + $b))

# echo result to console
echo $a + $b = $c
```

Output

Run Bash Script - Terminal Output

```
~$ ./bash-single-line-
comments-example
```

```
~$ ./bash-single-line-comments-example
Learn Bash Scripting
2 + 4 = 6
```

Example for Bash multiline comments

To write multiline comments in bash scripting, enclosing the comments between `<<COMMENT` and `COMMENT`. Following is an example of demonstrating multiple line comments or block comments in Bash Scripting.

In this example, we write multiline comments using `<<`.

Bash Script File

bash-multiple-line-comments-example

```
#!/bin/bash
```

```
#!/bin/bash

# this is a single line comment in bash
echo Learn Bash Scripting

<<COMMENT
    This is a multiple line comment
    In Bash Scripting
COMMENT
echo Good Day!

<<COMMENT
    This is a multiple line comment
    End of the example
COMMENT
```

Output

Run Bash Script - Terminal Output

```
~$ ./bash-multiple-
line-comments-example
```

```
~$ ./bash-multiple-line-comments-example
Learn Bash Scripting
Good Day!
```

Conclusion