

# How to concatenate strings in Bash Shell Scripting?

In this tutorial, you will learn two different ways to concatenate string in Bash-

1. Place two or more than two strings adjacent to each other.
2. Use the value of a variable inside another variable.

## Example1: Bash Script to concatenate strings by placing them side by side

```
firstString="I am learning "  
secondString=" Bash Shell Scripting."  
thirdString=$firstString$secondString  
echo $thirdString
```

Output of the above program

```
I am learning Bash Shell Scripting
```

**Note:** This method is used in IFS(Internal Field Separator) to specify more than one characters. Suppose you want to specify newline, semicolon, and colon as field separators then you will write `IFS=$'\n';:` or `IFS='\n';:`

## Example2: Bash Script to concatenate strings by using its value inside another variable

```
firstString="Bash Shell Scripting"  
secondString="$firstString is amazing"  
echo $secondString
```

Output of the above program

```
Bash Shell Scripting is amazing
```