

Bash Substring

In this tutorial, you will learn the technique that will help you in getting substring of a string. Following is the syntax that you must follow in order to get a substring-

```
${variablename:position:length}
```

The above syntax returns a substring that starts from the position and goes till the length characters. The first character of `$variablename` is at position 0. Here length is optional. If you do not specify the `length` then it will return a substring that starts at `position` and goes till the end of `$variablename`.

Example: Find substring when position and length are provided

```
myst="BashShellScripting"  
substr=${myst:9:6}  
echo "Substring is $substr"
```

Output of the above program

```
Substring is Script
```

Example: Find substring when only position is provided

```
myst="BashShellScripting"  
substr=${myst:4}  
echo "Substring is $substr"
```

Output of the above program

```
Substring is ShellScripting
```