

### Introduction

This is a quick reference to getting started with Bash scripting.

Learn bash in y minutes ([learnxinyminutes.com](https://learnxinyminutes.com))

Bash Guide ([mywiki.woledge.org](https://mywiki.woledge.org))

Bash Hackers Wiki ([wiki.bash-hackers.org](https://wiki.bash-hackers.org))

### String quotes

```
name="John"
echo "Hi $name" #=> Hi John
echo 'Hi $name' #=> Hi $name
```

### Shell execution

```
echo "I'm in $(pwd)"
echo "I'm in `pwd`" # obsolescent
# Same
```

### Functions

```
get_name() {
    echo "Joh n"
}
echo "You are $(get_ nam e)"
```

### Strict mode

```
set -euo pipefail
IFS=$' \n\t'
```

### Example

```
#!/usr/bin/env bash
name="J ohn "
echo " Hello $name! "
```

### Variables

```
name="John"
echo $name # see below
echo " $na me"
echo " ${n ame }!"
```

Generally quote your variables unless they contain wildcards to expand or command fragments.



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