BASH FUNCTIONS

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Bash Functions

- Commonly used to organize code in a shell program

```
function printhello {
    echo Hello
}

printhello
# shell memorizes the function like it's
# a new command
```

The Return Command

- Functions return when there are no more statements or when a return statement is executed.

```
function myfunc {
    echo starting
    return
    echo this will not be executed
}
```

The Return Command

- Functions produce results by writing output like commands do.

```
hvar=$(printhello)
```

EXIT COMMAND: is to exit a shell:

The Exit Command

- `exit <VALUE>` sets the exit status, represented by $? to <VALUE>.

- `exit` terminates the shell process.

- `exit` in a function terminates the whole shell program, not just the function.

EXIT status of 0 = success, EXIT STATUS of non-zero = not successful.