

```
function greetUser() {  
    return 'Hello ' + getName();  
}
```

```
function getName() {  
    var name = 'Molly';  
    return name;  
}
```

```
var greeting = greetUser();  
alert(greeting);
```

getName() returns
the value 'Molly' to
greetUser()

Waiting...

greetUser() returns
'Hello Molly' to
the greeting variable

Waiting...

Waiting...

greeting holds the
value 'Hello Molly'

So, getName() is stacked on top
of the greetUser() function.
You can see the stack starting to
build up. When getName() has
done its job, a value is returned
back to the greetUser()
function.

Since getName() has done its
job, it is removed from the
stack. In turn, the greetUser()
function can now finish its
job and return a value to the
greeting variable.

The greetUser() function
has finished its work and it is
removed from the stack and the
value is finally assigned to the
greeting variable.