

Class **FalseClass** < Object

The global value `false` is the only instance of class `FalseClass` and represents a logically false value in boolean expressions. The class provides operators allowing `false` to participate correctly in logical expressions.

Instance methods

& `false & obj → false`

And—Returns `false`. `obj` is always evaluated because it is the argument to a method call—no short-circuit evaluation is performed in this case. In other words, the following code, which uses `&&`, will not invoke the `lookup` method.

```
def lookup(val)
  puts "Looking up #{val}"
  return true
end
false && lookup("cat")
```

However, this code, using `&`, will:

```
false & lookup("cat")
```

produces:

```
Looking up cat
```

^ `false ^ obj → true or false`

Exclusive Or—If `obj` is `nil` or `false`, returns `false`; otherwise, returns `true`.

| `false | obj → true or false`

Or—Returns `false` if `obj` is `nil` or `false`; `true` otherwise.