

1

When the button has been clicked

2

Get the name entered into the form

3

N

Is there a
name to get?

4

Ask user the user to enter a name

5

Calculate the cost of the sign (letters x price)

6

Show the cost of the sign on the screen

FLOWCHART KEY

Generic step

Event

Input or output

Decision

OBJECT TYPE: HOTEL

OBJECT TYPE: CAR

OBJECT TYPE: CAR

OBJECT TYPE: HOTEL

PROPERTIES

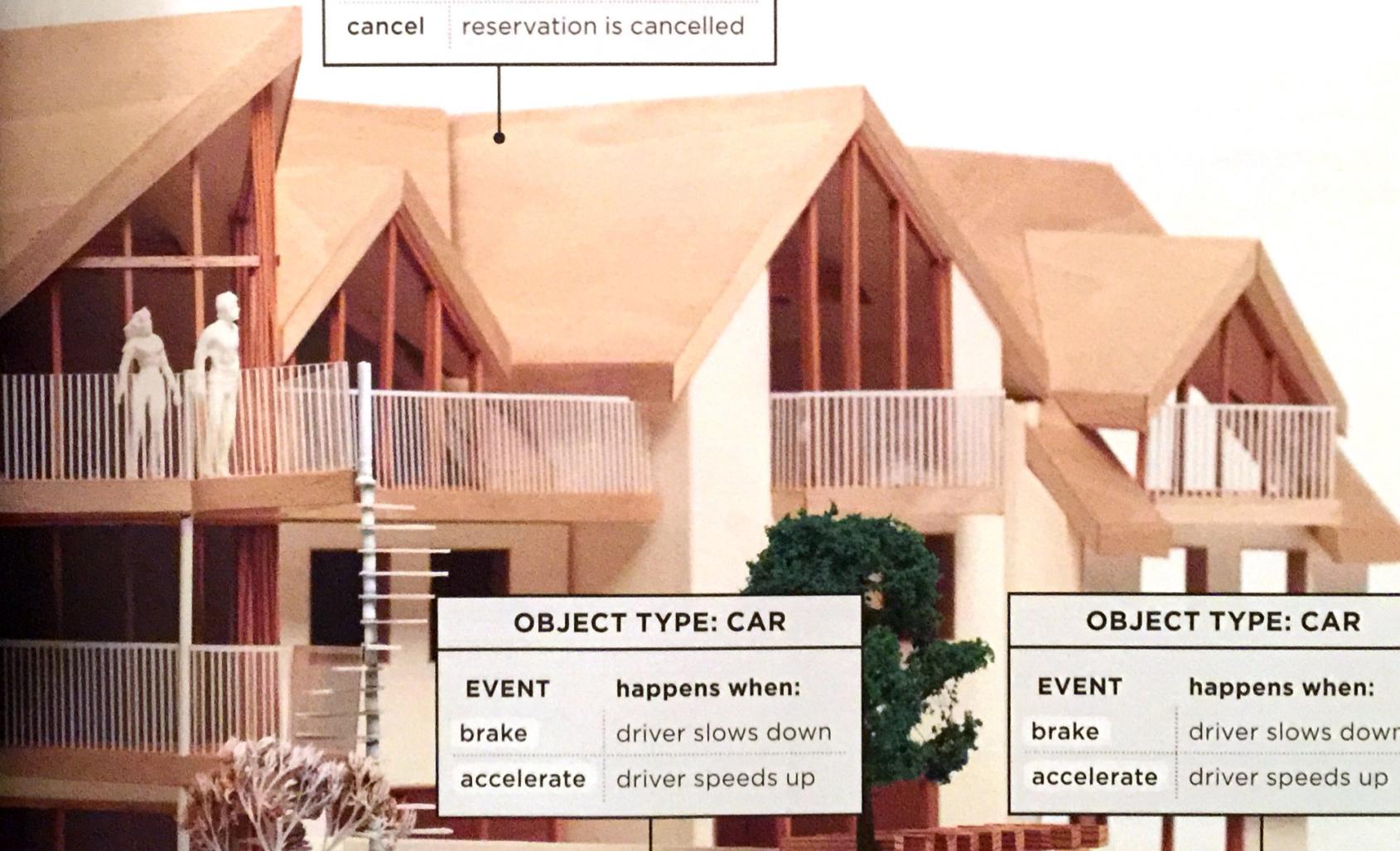
name	Quay
rating	4
rooms	42
bookings	21
gym	false
pool	true



OBJECT TYPE: HOTEL

EVENT happens when:

book	reservation is made
cancel	reservation is cancelled



OBJECT TYPE: CAR

EVENT happens when:

brake	driver slows down
accelerate	driver speeds up

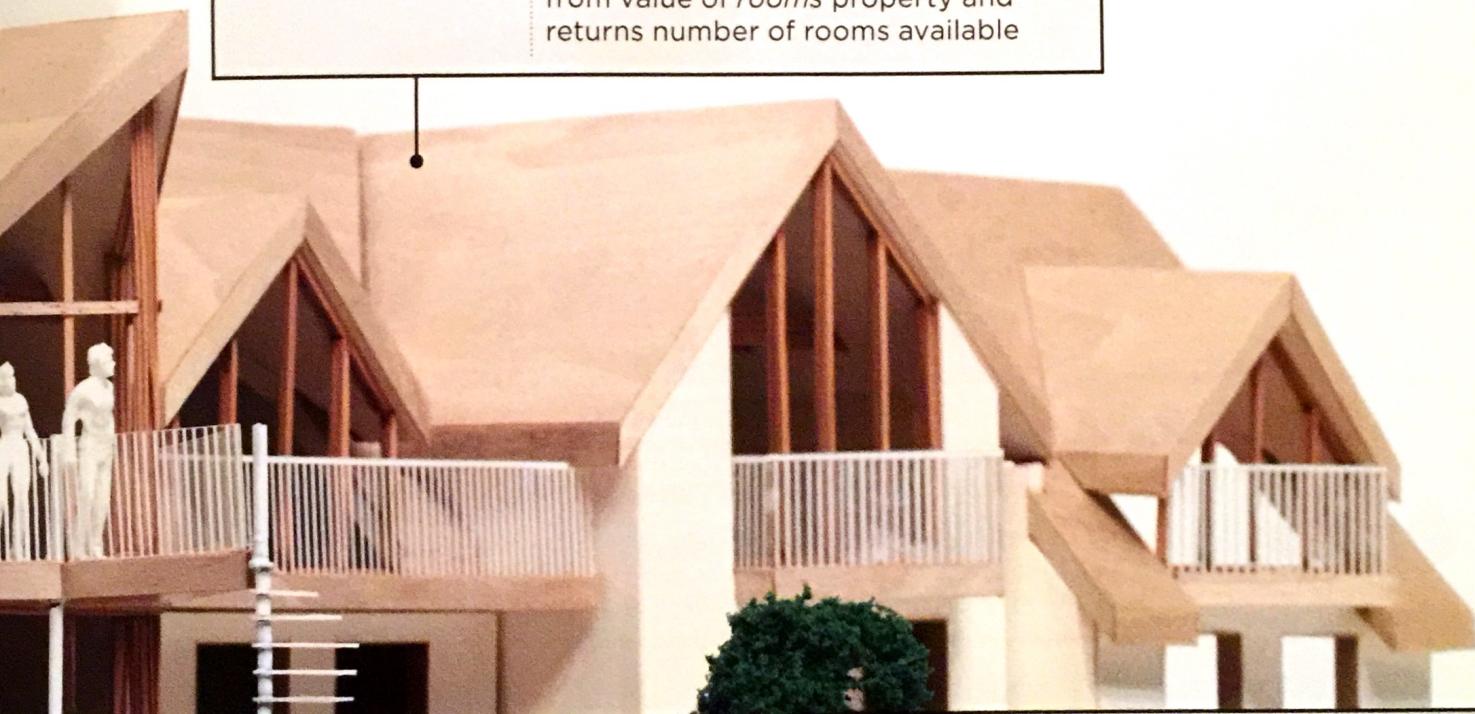
OBJECT TYPE: CAR

EVENT happens when:

brake	driver slows down
accelerate	driver speeds up

OBJECT TYPE: HOTEL

METHOD	what it does:
makeBooking()	increases value of <i>bookings</i> property
cancelBooking()	decreases value of <i>bookings</i> property
checkAvailability()	subtracts value of <i>bookings</i> property from value of <i>rooms</i> property and returns number of rooms available



OBJECT TYPE: CAR

METHOD	what it does:
changeSpeed()	increases or decreases value of <i>currentSpeed</i> property

OBJECT TYPE: CAR

METHOD	what it does:
changeSpeed()	increases or decreases value of <i>currentSpeed</i> property



OBJECT TYPE: HOTEL

1

EVENT	happens when:	method called:
book	reservation is made	makeBooking()
cancel	reservation is cancelled	cancelBooking()

2

METHOD	what it does:
makeBooking()	increases value of <i>bookings</i> property
cancelBooking()	decreases value of <i>bookings</i> property
checkAvailability()	subtracts value of <i>bookings</i> property from value of <i>rooms</i> property and returns number of rooms available

PROPERTIES

name	Quay
rating	4
rooms	42
bookings	22
gym	false
pool	true

QUAY
HOTEL

OBJECT TYPE: CAR

3

EVENT	happens when:	method called:
brake	driver slows down	changeSpeed()
accelerate	driver speeds up	changeSpeed()

METHOD	what it does:
changeSpeed()	increases or decreases value of <i>currentSpeed</i> property

PROPERTIES

make	BMW
currentSpeed	45mph
color	silver
fuel	diesel

3



OBJECT TYPE: WINDOW

PROPERTIES

location <http://www.javascriptbook.com/>



OBJECT TYPE: DOCUMENT

PROPERTIES

URL <http://www.javascriptbook.com/>

lastModified 09/04/2014 15:33:37

title Learn JavaScript & jQuery -
A book that teaches you
in a nicer way

OBJECT TYPE: DOCUMENT

PROPERTIES

URL http://www.javascriptbook.com/

lastModified 09/04/2014 15:33:37

title Learn JavaScript & jQuery -
A book that teaches you
in a nicer way

EVENT **happens when:**

load page and assets have finished loading

click user clicks the mouse over the page

keypress user presses down on a key

METHOD

what it does:

write()

adds new content to the document

getElementById()

accesses an element when you
state its id attribute

```
<!DOCTYPE html>
<html>
  <head>
    <title>Constructive & Co.</title>
    <link rel="stylesheet" href="css/c01.css" />
  </head>
  <body>
    <h1>Constructive & Co.</h1>
    <p>For all orders and inquiries please call
      <em>555-3344</em></p>
  </body>
</html>
```

