

Deriving Data Structures

Fill in the data structure based on the given instances and dot-accessors

```
# _____  
_____  
  
data _____ :  
  | _____ ( _____  
    _____  
    _____  
    _____  
    _____ )  
  
end
```

To make instances of this structure, I would write:

```
bedroom = room("blue", 14, 15, true, triangle(10, "solid", "green"))
```

```
kitchen = room("white", 10, 11, false, circle(30, "outline", "red"))
```

To access the fields of **kitchen**, I would write:

```
_____ kitchen.color  
_____ kitchen.length  
_____ kitchen.width  
_____ kitchen.has-window  
_____ kitchen.wall-art
```