|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Possible next state of agent | | | | |
| Current state of agent |  | A | B | C | D |
| A | - | 0 | 0 | - |
| B | 0 | - | - | - |
| C | 0 | - | - | 100 |
| D | - | - | 0 | 100 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Possible next state of agent | | | | |
| Current state of agent |  | A | B | C | D |
| A | 0 | 0 | 0 | 0 |
| B | 0 | 0 | 0 | 0 |
| C | 0 | 0 | 0 | 0 |
| D | 0 | 0 | 0 | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Possible next state of agent | | | | |
| Current state of agent |  | A | B | C | D |
| A | 0 | 0 | **0** | 0 |
| B | 0 | 0 | 0 | 0 |
| C | 0 | 0 | 0 | **190** |
| D | 0 | 0 | 0 | **190** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Possible next state of agent | | | | |
| Current state of agent |  | A | B | C | D |
| A | 0 | 0 | **171** | 0 |
| B | **0** | 0 | 0 | 0 |
| C | 0 | 0 | 0 | **361** |
| D | 0 | 0 | 0 | **271** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Possible next state of agent | | | | |
| Current state of agent |  | A | B | C | D |
| A | 0 | 0 | 171 | 0 |
| B | **154** | 0 | 0 | 0 |
| C | 0 | 0 | 0 | 361 |
| D | 0 | 0 | 0 | 271 |

**0**

**100**

**100**

**0**

**0**

**0**

**0**

Doorway

**Living Room**

**C**

**Bathroom**

**B**

**Kitchen**

**D**

**Bedroom**

**A**