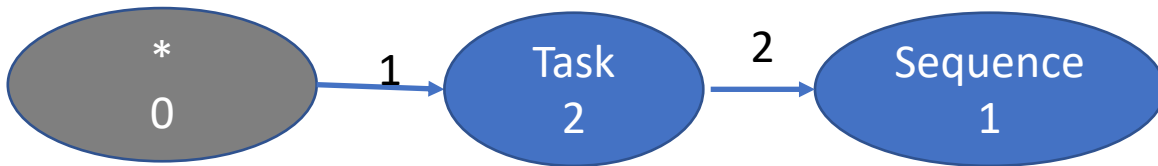
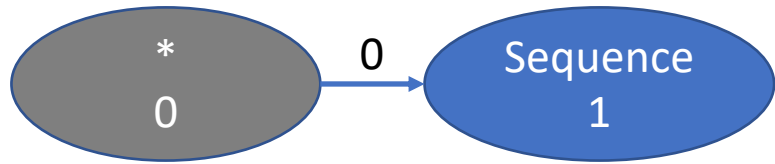
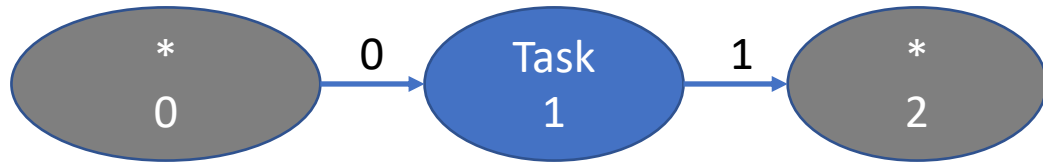


```
{
  "info":"Rule",
  "name":"Start Rule",
  "method":"start_rule",
  "nodes": [
    {"name":"Start", "type":"Start"},
    {"name":"Entrance", "type":"entrance"},
    {"name":"Sequence", "type":"Sequence"},
    {"name":"Goal", "type":"goal", "reward":[]}
  ],
  "edges": [
    {"from":1, "to":2 },
    {"from":3, "to":3 }
  ],
  "lhs": {
    "nodes": [0],
    "edges": []
  },
  "rhs":{
    "nodes":[1,2,3],
    "edges": [0,1]
  }
}
```



```

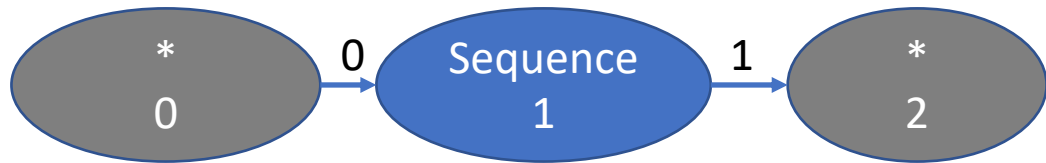
{
  "info":"Rule",
  "name":"Sequence Rule",
  "method":"sequence_rule",
  "nodes":[
    {"name":"Pre Task", "type":"*"},
    {"name":"Sequence", "type":"Sequence"},
    {"name":"Task", "type":"Task"}
  ],
  "edges":[
    {"from":0, "to":1 },
    {"from":0, "to":2 },
    {"from":2, "to":1 },
  ],
  "lhs": { "nodes": [0, 1], "edges": [0] },
  "rhs": { "nodes":[0,1,2], "edges": [1,2] }
}
  
```



```

{
  "info":"Rule",
  "name":"Add Pickup Task",
  "method":"pickup_rule",
  "nodes": [
    {"name":"Pre Task", "type":"*"},
    {"name":"Task_Var", "type":"Task"},
    {"name":"Post Task", "type":"*"},
    {"name":"Pickup", "type":"pickup", "item":""}
  ],
  "edges":[
    {"from":0, "to":1 },
    {"from":1, "to":2 },
    {"from":0, "to":3 },
    {"from":3, "to":2 }
  ],
  "lhs":{" nodes":[0, 1, 2], "edges":[0,1] },
  "rhs":{"nodes":[0, 3, 2], "edges": [2,3] }
}

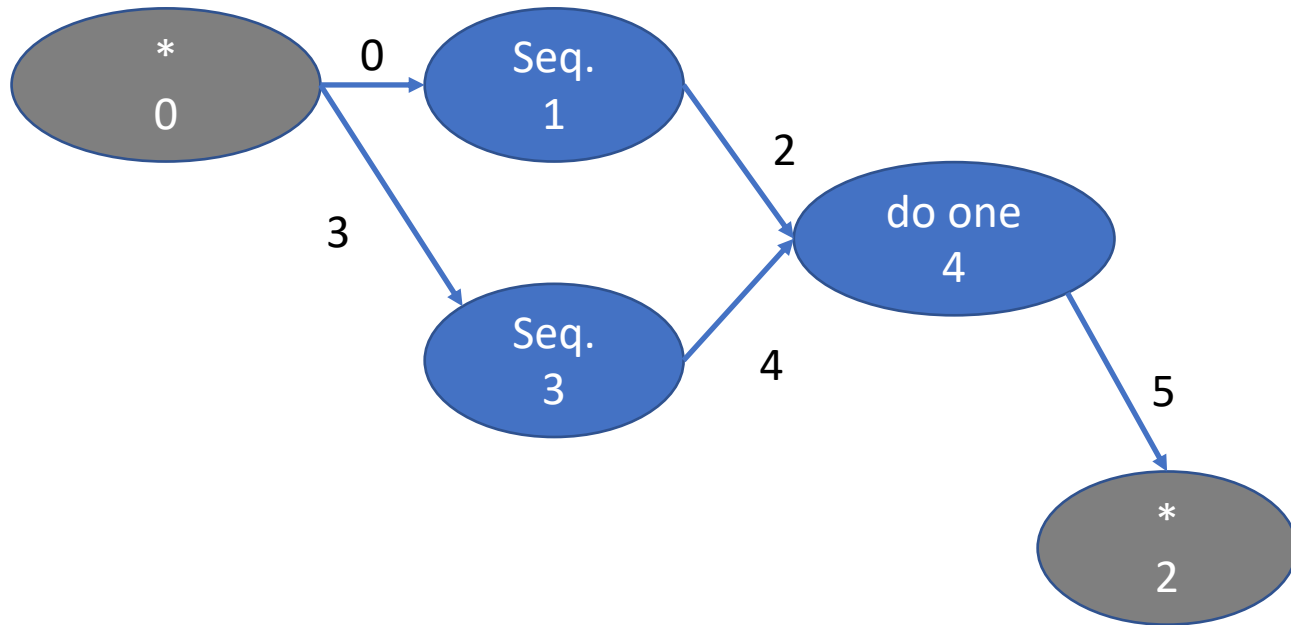
```



```

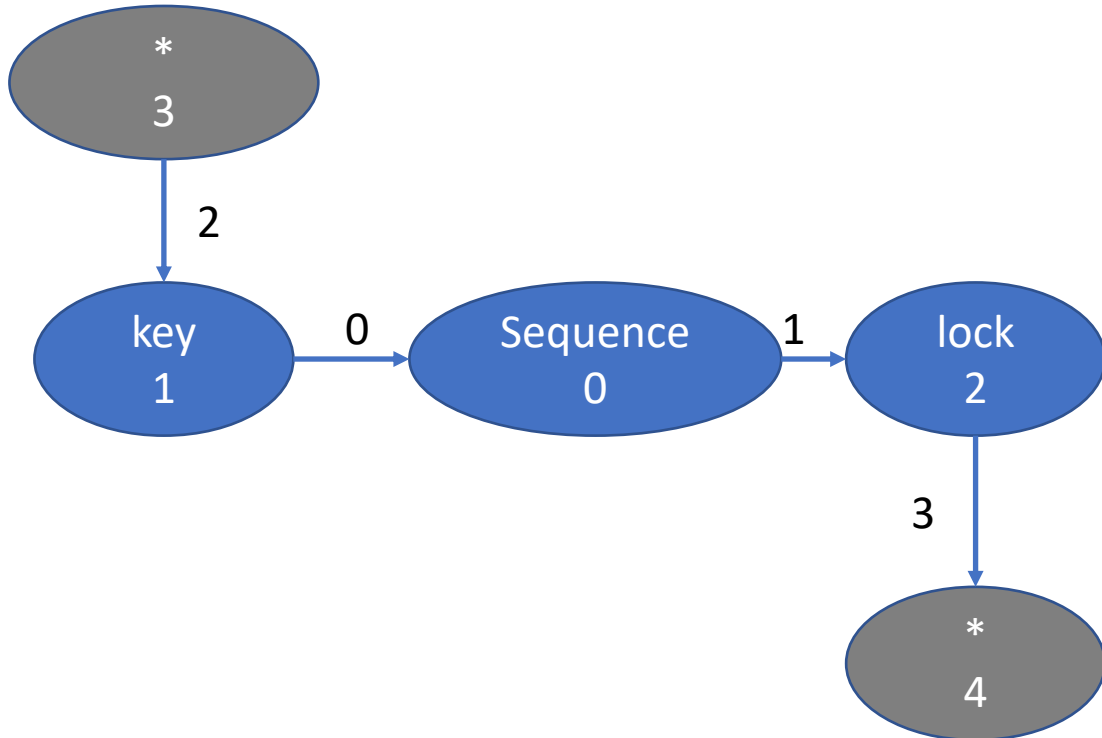
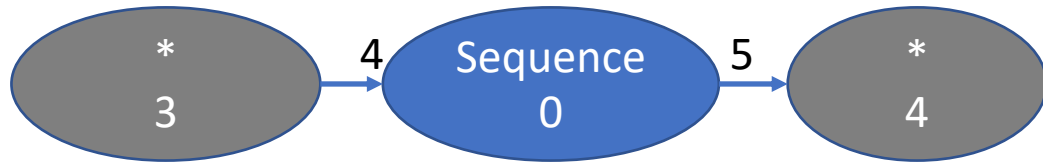
{
  "info": "Rule",
  "name": "Null Sequence",
  "nodes": [
    {"name": "Pre Task", "type": "*"},
    {"name": "Task_Var", "type": "Task"},
    {"name": "Post Task", "type": "*"}
  ],
  "edges": [
    {"from": 0, "to": 1 },
    {"from": 1, "to": 2 },
    {"from": 0, "to": 2 }
  ],
  "lhs": {
    "nodes": [0, 1, 2],
    "edges": [0, 1]
  },
  "rhs": {
    "nodes": [0, 2],
    "edges": [2]
  }
}

```



```

{
  "info":"Rule",
  "name":"Split Task One",
  "method":"split_rule",
  "nodes": [
    {"name":"Pre Task", "type":"*"},
    {"name":"Sequence 1", "type":" Sequence "},
    {"name":"Post Task", "type":"*"},
    {"name":" Sequence 2", "type":" Sequence "},
    {"name":"Complete One", "type":"do one"} ],
  "edges":[
    {"from":0, "to":1 },
    {"from":1, "to":2 },
    {"from":1, "to":4 },
    {"from":0, "to":3 },
    {"from":3, "to":4 },
    {"from":4, "to":2 } ],
  "lhs":{
    "nodes":[0, 1, 2],
    "edges":[0, 1] },
  "rhs":{
    "nodes":[0, 1, 2, 3, 4],
    "edges": [0, 2, 3, 4, 5] }
}
  
```



```

{
  "info":"Rule",
  "name":"Add Key/Lock",
  "method":"lock_rule",
  "nodes": [
    {"name":"Sequence", "type":" Sequence "},
    {"name":"Key", "type":"key", "key_id":""},
    {"name":"Lock", "type":"lock", "key_id":""},
    {"name":"Pre Task", "type":"*"},
    {"name":"Post Task", "type":"*"}. ],
  "edges":[
    {"from":1, "to":0 },
    {"from":0, "to":2 },
    {"from":3, "to":1 },
    {"from":2, "to":4 },
    {"from":3, "to":0 },
    {"from":0, "to":4 } ],
  "lhs":{
    "nodes":[0],
    "edges":[4,5] },
  "rhs":{
    "nodes":[0, 1, 2],
    "edges": [0,1,2,3] }
}
  
```