

# 2016 12 7

# Ruby Hash

```
h = {name: 'Min Soo', phone: '010-4455-6666', address: '010 Jackson Ave', city: 'New York'}
h2 = {
  name: 'Min Soo',
  phone: '010-4455-6666',
  address: '010 Jackson Ave',
  city: 'New York'
}
```

```
puts h
```

```
puts h2
```

```
puts h[:name]
```

```
puts h[:phone]
```

```
h[:name] = "Hyung Gyu"
```

```
puts h[:name]
```

```
GRID_PATTERNS = {
  '7x11/3':[[0, 0, 4, 6], [4, 0, 3, 6], [0, 6, 7, 5]],
  '7x11/4':[[0, 0, 4, 5], [4, 0, 3, 5], [0, 5, 3, 6], [3, 5, 4, 6]],
  '7x11/5':[[0, 0, 7, 3], [0, 3, 4, 3], [4, 3, 3, 4], [0, 6, 4, 5], [4, 7, 3, 4]],
  '7x11/6':[[0, 0, 4, 3], [4, 0, 3, 4], [0, 3, 4, 3], [4, 4, 3, 3], [0, 6, 4, 5], [4, 7, 3, 4]],
  '7x12/H/4':[[0, 0, 7, 1], [0, 1, 4, 4], [4, 1, 3, 4], [0, 5, 7, 2], [0, 7, 7, 5]],
  '7x12/4':[[0, 1, 4, 4], [4, 1, 3, 4], [0, 5, 7, 2], [0, 7, 7, 5]],
  '7x12/H/5':[[0, 0, 7, 1], [0, 1, 4, 3], [4, 1, 3, 4], [0, 4, 4, 5], [4, 5, 3, 4], [0, 9, 7,
3]],
  '7x12/5':[[0, 0, 7, 3], [0, 3, 4, 3], [4, 3, 3, 4], [0, 6, 4, 5], [4, 7, 3, 4]],
  '7x12/5_1':[[0, 0, 4, 3], [0, 3, 4, 3], [4, 0, 3, 6], [0, 6, 4, 6], [4, 6, 3, 6]],
  '7x12/5_2':[[0, 0, 7, 6], [0, 3, 4, 3], [4, 3, 3, 3], [0, 6, 4, 3], [4, 6, 3, 3]],
  '7x12/6':[[0, 0, 4, 3], [4, 0, 3, 5], [0, 3, 4, 2], [0, 5, 4, 2], [4, 5, 3, 2], [0, 7, 7, 5]],
  '7x12/6_1':[[0, 0, 4, 3], [0, 3, 4, 3], [4, 0, 3, 6], [0, 6, 4, 6], [4, 6, 3, 3], [4, 3, 3,
3]],
  '7x12/6_2':[[0, 0, 7, 6], [0, 6, 4, 3], [0, 3, 2, 3], [2, 3, 2, 3], [4, 6, 3, 3], [4, 3, 3,
3]],
  '7x12/6_3':[[0, 0, 7, 6], [0, 6, 4, 3], [0, 3, 2, 3], [2, 3, 2, 3], [4, 6, 3, 3], [4, 3, 3,
3]],
  '7x15/5':[[0, 0, 7, 6], [0, 6, 4, 3], [0, 3, 2, 3], [2, 3, 2, 3], [4, 6, 3, 3]],
  '7x15/6':[[0, 0, 7, 6], [0, 6, 4, 3], [0, 3, 2, 3], [2, 3, 2, 3], [4, 6, 3, 3],[0,0,1,1]],
  '7x15/6_1':[[0, 0, 7, 6], [0, 6, 4, 3], [0, 3, 2, 3], [2, 3, 2, 3], [4, 6, 3, 3], [4, 3, 3,
3]]
}
```