First Visit Monte Carlo Prediction

Optimal policy, discount = 1, 20.000 iterations

```
Policy:

3 ['→', '→', '→', None]

2 ['↑', '↑', '↑', '↑']

1 ['→', '↑', '←', '←']

0 [None, '↑', '↑', '↑']

0, 1, 2, 3

value_grid:

[38.0, 39.0, 40.0, 0]

[37.0, 38.0, 39.0, 40.0]

[36.0, 37.0, 36.0, 35.0]

[0, 36.0, 35.0, 34.0]
```

Optimal policy, discount = 0.9, 20.000 iterations

```
Policy:

3 ['\rightarrow', '\rightarrow', '\rightar
```

Random policy, discount = 1, 20.000 iterations

```
Policy:

3 ['→', '→', '→', None]

2 ['↑', '↑', '↑', '↑']

1 ['↓', '←', '←', '↑']

0 [None, '←', '←', '↑']

0, 1, 2, 3

value_grid:

[12.31, 19.19, 40.0, 0]

[9.11, 9.1, 10.35, 40.0]

[10.0, 1.79, -11.22, -16.22]

[0, 10.0, -16.22, -18.28]
```

Random policy, discount = 0.9, 20.000 iterations

```
Policy:

3 ['→', '→', '→', None]

2 ['↓', '↑', '↑', '↑']

1 ['↓', '←', '↑', '↑']

0 [None, '←', '←', '←']

0, 1, 2, 3

value_grid:

[5.61, 13.4, 40.0, 0]

[4.63, 5.07, 11.92, 40.0]

[10.0, 2.38, -3.87, -5.94]

[0, 10.0, -5.87, -6.66]
```