Maximum Path Sum I

```
a[][] =  0 | 3
         1 | 7  4
         2 | 2  4  6
         3 | 8  5  9  3
           -------------
             0  1  2  3
```

→ Start from bottom,
answer of a cell is = Cell's value + Max (total of cell down and to the left)
OR max (total of cell down & to the right)

①

```
0 | 3
1 | 7   4
2 | 10  13  15
3 |  8   5   9   3
```

max (8,5) = 8 ∴ ans = 8+2 = 10

max (5,9) ∴ ans = 4+9 = 13

max (9,3) ans = 9+6 = 15

②

```
0 | 3
1 | 20  4  19
2 | 10  13  15
3 |  8   5   9   3
```

[2][0], [2][1] | [2][1] [2][2]
max (10, 13) | max (13, 15)
ans = 13+7 | ans = 15+4
= 20 | = 19

③

```
0 | 23
1 | 20  19
2 | 10  13  15
3 |  8   5   9   3
```

[1][0] , [1][1]
max (20, 19)
ans = 20+3
= 23