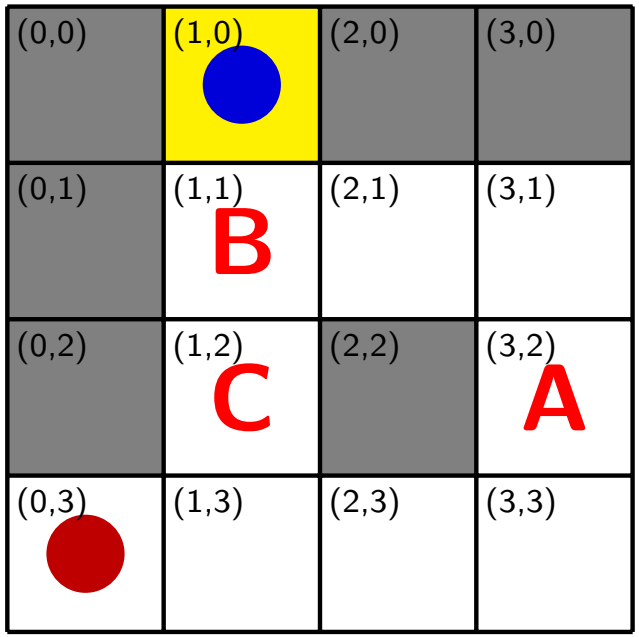


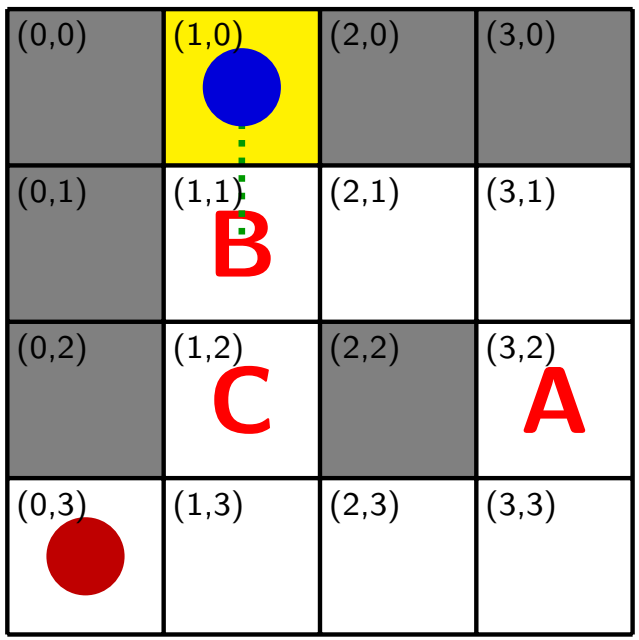
$$v_0 = \{(1,0)\}$$

$$v_A = \varnothing$$

$$v_B = \varnothing$$

$$v_C = \varnothing$$

$$q = [((1,0), [(1,0)], 0)]$$



$$c_1 = (\boxed{(1,0)}, [\boxed{(1,0)}], 0)$$

$$\Downarrow$$

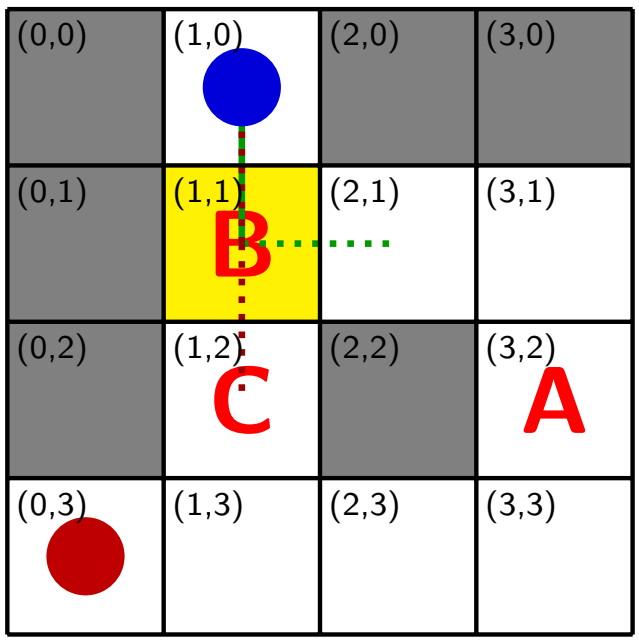
$$v_0 = \{\boxed{(1,0)}\}$$

$$v_A = \varnothing$$

$$v_B = \{(1,1)\}$$

$$v_C = \varnothing$$

$$q = [((1,1), [\boxed{(1,0)}, (1,1)], B)]$$



$$c_2 = (\underline{(1,1)}, [\underline{(1,0)}, (1,1)], B)$$

$$\Downarrow$$

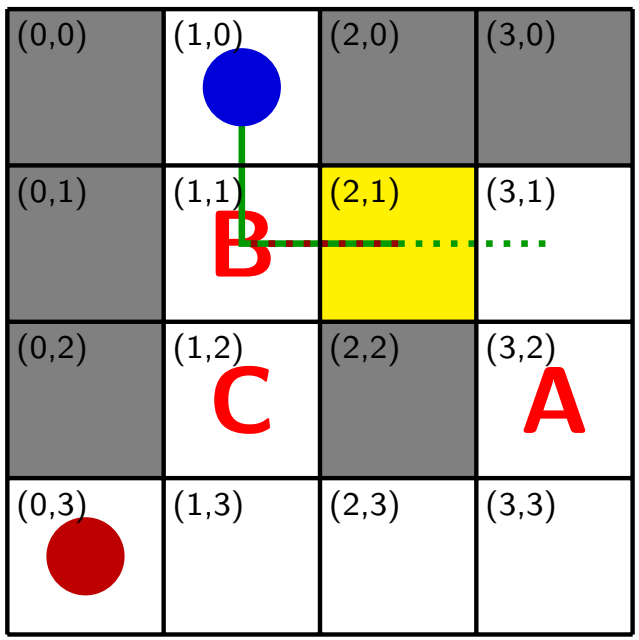
$$v_0 = \{\underline{(1,0)}\}$$

$$v_A = \varnothing$$

$$v_B = \{\underline{(1,1)}, \underline{(2,1)}\}$$

$$v_C = \varnothing$$

$$q = [(\underline{(2,1)}, [\underline{(1,0)}, \underline{(1,1)}, (2,1)], B)]$$



$$c_3 = ((2,1), [(1,0), (1,1), (2,1)], B)$$

$$\Downarrow$$

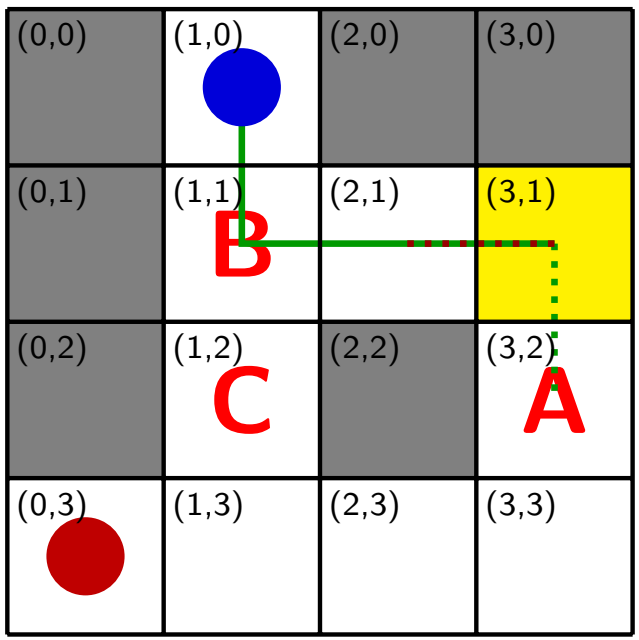
$$v_0 = \{(1,0)\}$$

$$v_A = \varnothing$$

$$v_B = \{(1,1), (2,1), (3,1)\}$$

$$v_C = \varnothing$$

$$q = [((3,1), [\ldots, (2,1), (3,1)], B)]$$



$$c_4 = (\underline{(3,1)}, [\ldots, \underline{(2,1)}, (3,1)], B)$$

$$\Downarrow$$

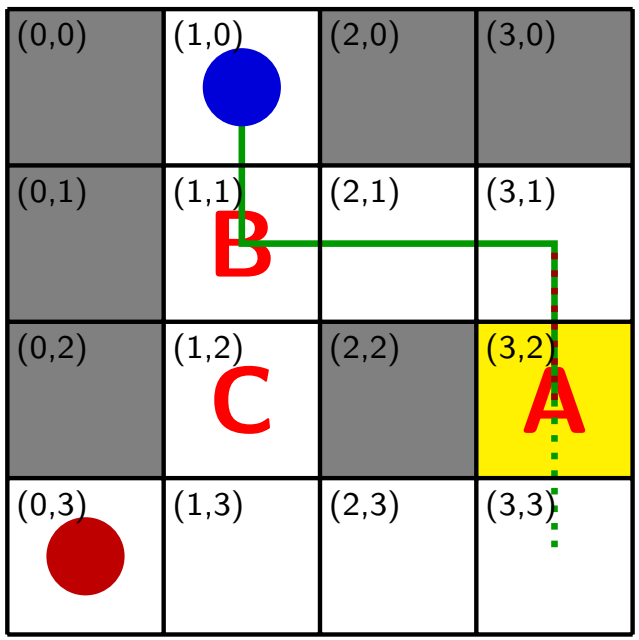
$$v_0 = \{(1,0)\}$$

$$v_A = \{\underline{(3,2)}\}$$

$$v_B = \{(1,1), \underline{(2,1)}, \underline{(3,1)}\}$$

$$v_C = \varnothing$$

$$q = [(\underline{(3,2)}, [\ldots, \underline{(3,1)}, (3,2)], A)]$$



$$c_5 = (\,(3,2)\,, [\ldots, (3,1), (3,2)], A)$$

$$\Downarrow$$

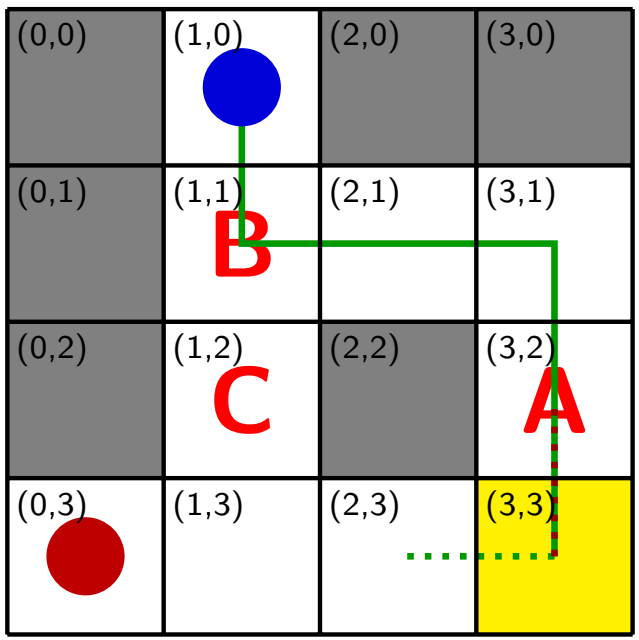
$$v_0 = \{(1,0)\}$$

$$v_A = \{\,(3,2)\,, (3,3)\,\}$$

$$v_B = \{(1,1), (2,1), (3,1)\,\}$$

$$v_C = \varnothing$$

$$q = [(\,(3,3)\,, [\ldots, (3,2), (3,3)], A)]$$



$$c_6 = (\,(3,3)\,, [\ldots, (3,2), (3,3)], A)$$

$$\Downarrow$$

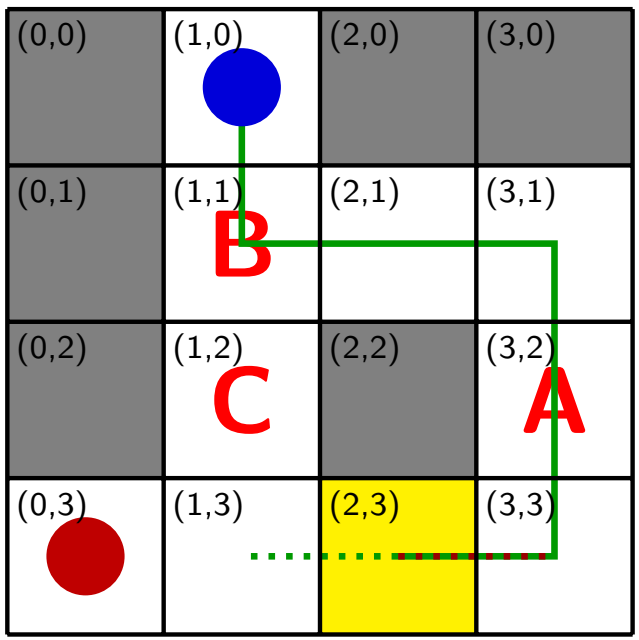
$$v_0 = \{(1,0)\}$$

$$v_A = \{\,(3,2)\,, (3,3), (2,3)\,\}$$

$$v_B = \{(1,1), (2,1), (3,1)\}$$

$$v_C = \varnothing$$

$$q = [(\,(2,3)\,, [\ldots, (3,3), (2,3)], A)]$$



$$c_7 = (\underline{(2,3)}, [\ldots, \underline{(3,3)}, (2,3)], A)$$

$$\Downarrow$$

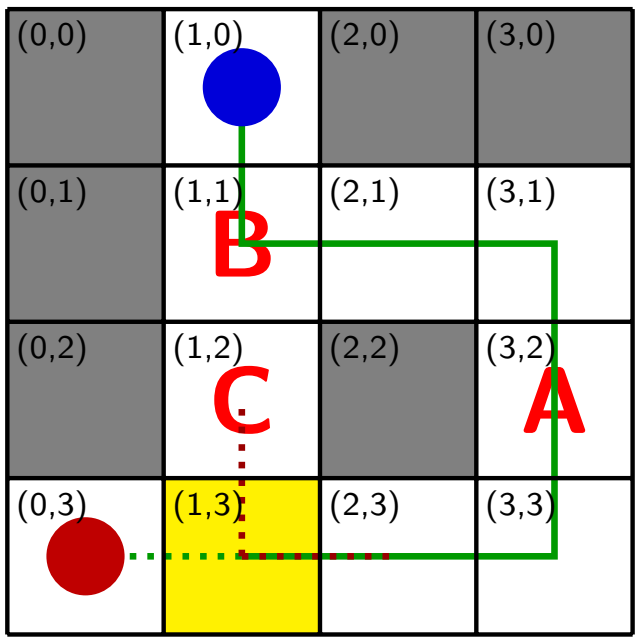
$$v_0 = \{(1,0)\}$$

$$v_A = \{(3,2), \underline{(3,3)}, \underline{(2,3)}, \underline{(1,3)}\}$$

$$v_B = \{(1,1), (2,1), (3,1)\}$$

$$v_C = \varnothing$$

$$q = [(\underline{(1,3)}, [\ldots, \underline{(2,3)}, (1,3)], A)]$$



$$c_8 = (\boxed{(1,3)}, [\ldots, \underline{(2,3)}, (1,3)], A)$$

$$\Downarrow$$

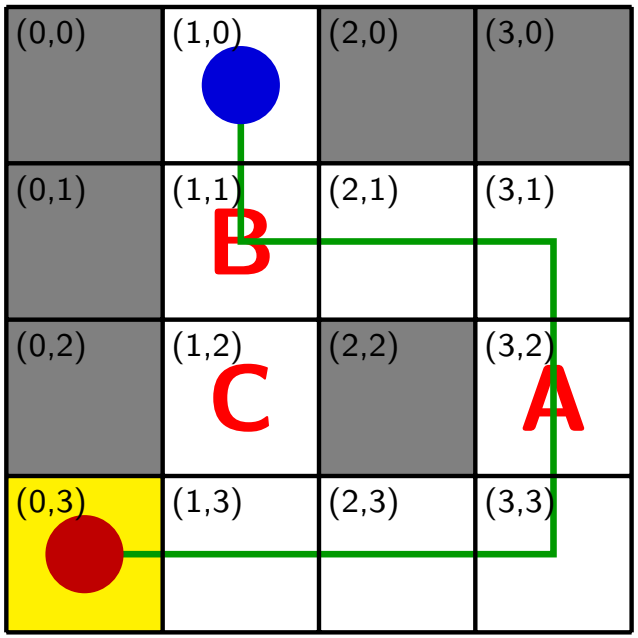
$$v_0 = \{(1,0)\}$$

$$v_A = \{\ldots, (3,3), \underline{(2,3)}, \boxed{(1,3)}, \underline{(0,3)}\}$$

$$v_B = \{(1,1), (2,1), (3,1)\}$$

$$v_C = \varnothing$$

$$q = [(\underline{(0,3)}, [\ldots, \boxed{(1,3)}, (0,3)], A)]$$



$$c_9 = ((0,3), [\ldots, (1,3), (0,3)], A)$$

$$\Downarrow$$

$$v_0 = \{(1,0)\}$$

$$v_A = \{\ldots, (3,3), (2,3), (1,3), (0,3)\}$$

$$v_B = \{(1,1), (2,1), (3,1)\}$$

$$v_C = \varnothing$$

$$q = []$$