

AHMAD RIZKY
2125250089

No. _____

Date: _____

EUGAS6

	1	2	3	4	5	6	7	8	9
north	497	-1	0	-1	-1	0	-∞	-∞	-∞
South	-∞	-∞	-∞	399	-100	500	398	-1	0
West	-∞	0	0	-∞	-1	0	-∞	-1	0
East	400	500	-∞	498	499	-∞	-1	0	-∞

mapping yg diinginkan disebarkan agent

1	8 -1	9 -1
4	5 -1	6 -1
7	2 -100	3 500

di $\gamma = 1$ $EP = 9$

Step 10 = 1-4-5-6-9

$Q(s,a) \leftarrow Q(s,a) + \frac{1}{\epsilon} \max_a$
 $r + \gamma V(s') - Q(s,a)$

hitung $Q(s,a)$ baru:

$Q(s_1, N) = 497 + 1 \times [-1 + \max(-1, 399, -\infty, 498) - 497] = 497$

$Q(s_4, N) = 498 + 1 \times [-1 + \max(-1, -100, -1, 499) - 498] = 498$

$Q(s_5, N) = 499 + 1 \times [0 + \max(0, 500, 0, -\infty) - 499] = 499$

$Q(s_6, N) = 0 + 1 \times [-1 + \max(-\infty, 0, 0, -\infty) - 0] = -1$

	1	2	3	4	5	6	7	8	9
north	497	-1	0	-1	-1	-1	-∞	-∞	-∞
South	-∞	-∞	-∞	399	-100	500	398	-1	0
West	0	0	0	-∞	-1	0	-∞	-1	0
East	400	500	-∞	498	499	-∞	-1	0	-∞
max	497	500	0	498	499	500	398	0	0

