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COEN-166

10/20/20

LAB 5 Attendance

1. B = 2.2; C = 5; D = 5.8

2. A will choose a3

3. No it will not. Node D will still have the highest value as they all go up proportional to one another.

4. Yes it will change it. Node C's value will now be 35.8 while node D's value will be 33.2 so A will chose a2 now. This is because Node C's 9 will grow much faster than anything from node D.

5. If the chance nodes were min nodes it will now choose a1 because of the value to the right on node B: 1. Also if they were all multiplied by a positive constant c, node A will still choose action a1. And if they were squared action a1 would still be chosen.