CS 451
Activity 31 - Solution

Name:

1. Game Theory: Find the value and optimal strategy for the same in the following table. (Note: This is the problem 1 in page 807 of the textbook.)

2	2
1	3

Solution

	Col 1	Col 1	Row min
Row 1	2	2	**2**
Row 2	1	3	1
Col max	**2**	3	

2. Game Theory: Find the value and the optimal strategies for the two-person zero-sum game in the table below. (Note: This problem is the problem 2 in page 807 of the textbook.)

4	5	5	8
6	7	6	9
5	7	5	4
6	6	5	5

Solution

	Col 1	Col 2	Col 3	Col 4	Row min
Row 1	4	5	5	8	4
Row 2	6	7	6	9	**6**
Row 3	5	7	5	4	4
Row 4	6	6	5	5	5
Col max	**6**	7	**6**	9	