ASSIGNMENT

1. Solve the following game.

Player B

Player A	B1	B2	B3	B4
A1	8	6	2	8
A2	8	9	4	5
A3	7	5	3	5

Answer: Player A: A2, Player B: B3, Value of game: 4

2. Determine the optimal strategies and the value of the game.

Player B

Player A	B1	B2
A1	6	-3
A2	-3	0

**Answer: Player A: [¼, ¾]   Player B: [¼, ¾],
Value of game: -3/4**

3. Solve the following game.

Player B

Player A	B1	B2	B3	B4	B5
A1	4	4	2	-4	-6
A2	8	6	8	-4	0
A3	10	2	4	10	12

Answer: Player A: [0, 4/9, 5/9]   Player B: [0,7/9, 0,2/9, 0],

Value of game: 34/9