

## Lab on Game theory

Write a program to check whether a game is stable or unstable. Solve the pay-off given table matrix and determine the optimal strategies and the value of game.

Prepare a meaningful menu list.

1.

		Player B	
		1	2
Player A	1	5	2
	2	3	4

2.

		Player B			
		1	2	3	4
Player A	1	-2	3	5	2
	2	5	-1	-2	0

3.

		Player B			
		1	2	3	4
Player A	1	4	0	6	-2
	2	2	6	1	7

4.

		Player B			
		1	2	3	4
Player A	1	-1	0	4	-1
	2	5	1	3	1
	3	-2	0	-1	4
	4	-3	-2	4	5