| | | Bafna Gold — Dete: Page: |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| | LAB-5 | |
| | SNED | Psudocode : |
| # | Implement Stimulated Annealing algorithm for | |
| | n-Queen problem | Stimulated Annealing Civitial temp, colling rade, |
| | | * max iteration): |
| => | The state of the s | Initialize current state |
| | cuspent < initial state | Set temp to initial_temp |
| 7 | T < a large positive value | 7 |
| 1 | While The do | for i from 1 to max iterations: |
| | next (a sandom neighbor of curren | If T<=0 |
| | DE - current. ost - next. cost. | Exit the loop. |
| | if DE >0 then | / |
| | current < next | Generale a neighboring State |
| | else | Colculate at # change in cost |
| | current mext with probability. | |
| | end if | If delta_E>0 |
| | decree T | Current <= next_state |
| | end while. | Else |
| | | If randomnum <exp (de="" e="" i):<="" td=""></exp> |
| | setvon masent. | current = next-state. |
| | 1,5 1 6 5 0 | |
| | Output: | Dervease Temp. |
| | C - C - C - C - C - C - C - C - C - C - | |
| | final Solution: [1, 3, 0, 2] | Return current. |
| | Number of conflicts:0 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

