

## **TOPICS FOR PRESENTATION**

- (1) Shortest path in a maze-lee's algorithm
- (2) Longest increasing subsequence
- (3) Floyd's cycle detection algorithm
- (4) Needleman – Wunsch algorithm
- (5) Shortest common super sequence
- (6) Johnson's algorithm
- (7) Convex hull - graham's scan algorithm
- (8) Maximum flow - ford-fulkerson algorithm
- (9) Finding prime numbers - sieve of eratosthenes
- (10) Bipartite graph checking algorithm
- (11) Finding articulation points and bridges
- (12) Finding strongly connected components