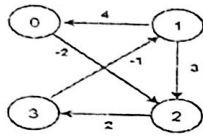




6. a) Explain dynamic programming and its techniques. (8 Marks)

b) Solve all pair shortest path problem for the following graph using Floyd's algorithm. (12 Marks)



7. a) Define Big-Oh notation, Big Omega and Big Theta Notation. Depict the same Graphically and explain. (10 Marks)

b) Expound the time complexity for factorial of a number. (10 Marks)