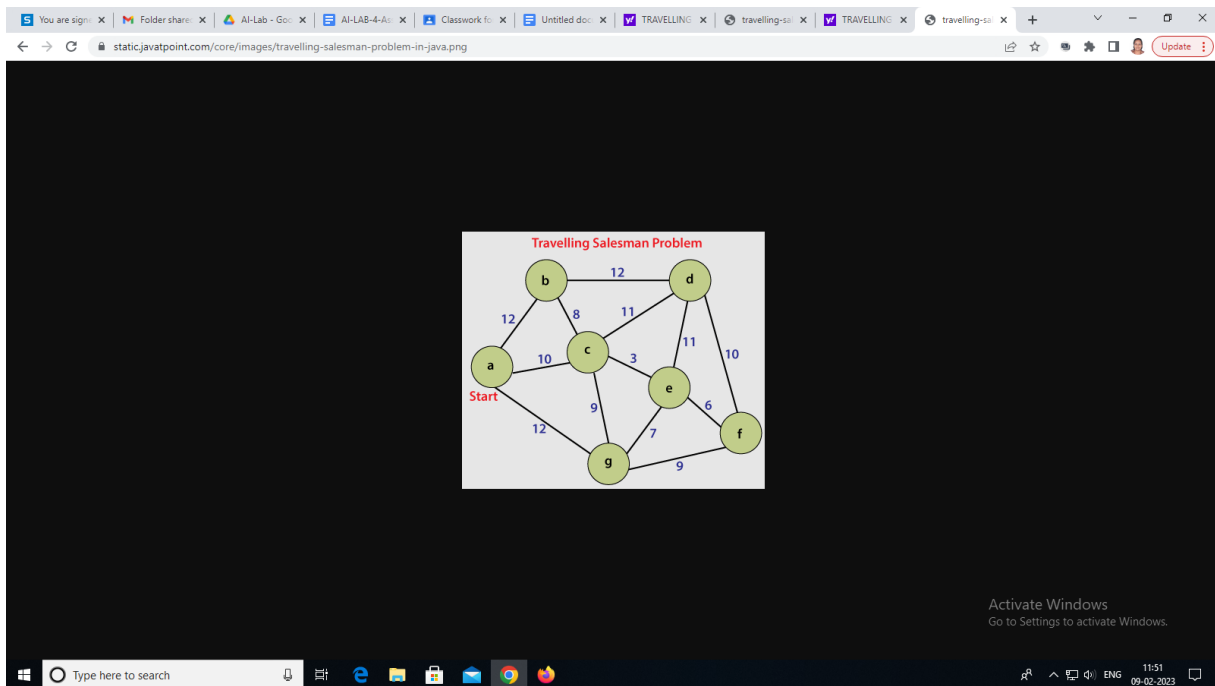# ARTIFICIAL INTELLIGENCE

Lab Assignment-4 - B.Tech

Instructions:

    a. Assignment must be uploaded in PDF with following naming convention: "AdmNO_Name_LabAssig_4" over Classroom.

    b. Prolog Programming language has to be used to solve the questions c. The source code must be written against each question followed by output screen shot.

Questions:

Implement Traveling Salesman problem using below algorithms in prolog. Compare the complexity of both algorithms. Which algorithm is best suited for implementing the Traveling Salesman problem and why?

1. Breadth First Search
2. Depth First Search