Assignment (3)
Applications of Linear and Integer Programming Models

1. Mention 3 applications to the Minimum Vertex Cover (MVC) problem.

2. Mention 3 applications to the Traveling Salesman Problem (TSP).

3. Model the Minimum Vertex Cover problem using JuMP and solve it for the following adjacency matrix:

   0 0 1 0 0 0
   0 0 0 1 0 0
   1 0 0 0 1 0
   0 1 0 0 1 0
   0 0 1 1 0 1
   0 0 0 0 1 0