Abstract
This document presents the solution to a logistic case, the capacitated vehicle routing problem. This case is modeled first as a Simple assembly line balancing (SALB-1) for determining minimum vehicles number necessary. We used COMSOAL algorithm, and we determined every sequence how every vehicle should visit its customers with minimum cost. We used the R heuristic. Both COMSOAL algorithm and R heuristic were solved with the Visual Basic Excel.

Keywords
CVRP (The capacitated vehicle routing problem), SALBP-1 (Simple assembly line balancing 1), comsoal algorithm, R heuristic.