

# Lyft – Task 1

Actors – Car owner and car service provider.

Engine Model Types – Willoughby, Capulet, and Sternman.

Details of the car – Last service mileage, current mileage, last service date, and state of the blinker.

Conditions to be met –

1. If the state of blinker is ON -> Sternman engine model -> Needs service.
2. If the difference between current mileage and last service mileage is
  - a. >30000 -> Capulet Engine -> Needs service
  - b. >60000 -> Willoughby Engine -> Needs service

All other cases service is not mandatory.

