LAB 08


```
      F:                          M:
   {car bike}                  {car bike}



              mode of Transpor...



      D:                          S:
   {car bike}                {car bike pogo-s...}
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Q4

DOMAIN-SPLITTING HISTORY:

F in {car}
  M in {car}
    D in {car}
      S in {bike}
        Solution found: F = car, M = car, S = bike, D = car
      S in {pogo-stick}
        Solution found: F = car, M = car, S = pogo-stick, D = car
    D in {bike}
  S in {car}
        Solution found: F = car, M = car, S = car, D = bike
      S in {bike pogo-stick}
        S in {bike}
          Solution found: F = car, M = car, S = bike, D = bike
        S in {pogo-stick}
          Solution found: F = car, M = car, S = pogo-stick, D = bike
  M in {bike}
    D in {car}
      S in {car}
        Solution found: F = car, M = bike, S = car, D = car
      S in {bike pogo-stick}
        S in {bike}
          Solution found: F = car, M = bike, S = bike, D = car
        S in {pogo-stick}
          Solution found: F = car, M = bike, S = pogo-stick, D = car

    D in {bike}
      S in {car}
        Solution found: F = car, M = bike, S = car, D = bike
      S in {pogo-stick}
        Solution found: F = car, M = bike, S = pogo-stick, D = bike
F in {bike}
  D in {car}
    S in {car}
      Solution found: F = bike, M = car, S = car, D = car
    S in {bike pogo-stick}
      S in {bike}
        Solution found: F = bike, M = car, S = bike, D = car
      S in {pogo-stick}
        Solution found: F = bike, M = car, S = pogo-stick, D = car
  D in {bike}
    S in {car}
      Solution found: F = bike, M = car, S = car, D = bike
    S in {pogo-stick}
Solution found: F = bike, M = car, S = pogo-stick, D = bike

Q5
DOMAIN-SPLITTING HISTORY:

F in {car}
   M in {car}
      S in {car}
         Solution found: F = car, M = car, S = car, D =
bike
      S in {bike pogo-stick}
         S in {bike}
            Solution found: F = car, M = car, S = bike,
D = bike
         S in {pogo-stick}
            Solution found: F = car, M = car, S =
pogo-stick, D = bike
   M in {bike}
      S in {car}
         Solution found: F = car, M = bike, S = car, D
= bike
      S in {pogo-stick}
         Solution found: F = car, M = bike, S = pogo-
stick, D = bike
F in {bike}
   S in {car}
      Solution found: F = bike, M = car, S = car, D =
bike
   S in {pogo-stick}
      Solution found: F = bike, M = car, S = pogo-
stick, D = bike