

Toll Payment Processing

There are 'n' number of points in a highway out of which some points collect toll.

- Each toll has its own charging scheme according to the vehicles and whether or not they are a VIP user.

- If they are VIP user, 20% discount apply.

- If the vehicle passes 3 toll gates, it has to pay in all the 3 toll gates according to the scheme of respective tolls.

There were 4 modules.

1. Given the details of vehicle type, start and destination.....display the total toll paid during

the journey and print the amount after applying the discount.

2. Display the details of all the tolls.....like what are all the vehicles(vehicle number) passed

that respective toll and the amount each vehicle paid.....and the total amount charged in

that toll.

3. Display the details of all the vehicleslike what are all the journeys did it take....the

start and destination of the same.....tolls it passed during that journey....amount paid in

that journey.....and the total amount paid by that vehicle.

4. Assume the highway as a circular path.....we have to find the short route and identify

the tolls between that route and calculate the amount.