

## Question 1:

A command line system for vehicle showroom -

- a. add any type of vehicle
- b. remove a vehicle
- c. vehicle has following description -
  - 1. model number
  - 2. engine type
    - a. oil
    - b. gas
    - c. diesel
  - 3. engine power
  - 4. tire size
- d. vehicle has 3 type
  - 1. normal - no extra property
  - 2. sports -
    - a. turbo
    - b. engine type oil only
  - 3. heavy -
    - a. weight
    - b. engine type diesel only
- e. expected visitor of show room is 30
- f. when a new sports vehicle arrive expected visitor increase by 20 and vice

versa

- e. show list of vehicles with current expected visitor count
- f. show list of vehicles with details

Language: **Java**

## Question 2 :

Build an application contains two pages -

1. Login screen - where users will enter email and password and submit (authentication). Don't accept anything except email.
2. Landing page - Based of result of the authentication app will show another page with error or success

**Language Preferred:** Java, node, python (not necessarily you have to use one of these three)

- Bonus point to earn (not mandatory to include):
  - a. Web application
  - b. Responsive UI
  - c. Framework
  - d. Dependency management
  - e. Version control
  - f. Database
  - g. Object Relational Mapping

Feel free to ask any questions. Please submit your answer within or before 14-05-2020.

**Question 1 is mandatory.**

For further questions and queries and provide your answer please contact:  
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