

1. Write a program to manage data for Honda showroom. In the showroom they want store information about vehicles.
for each vehicle store id, name, type(LMV,HMV),price,petrolcapacity
the vehicle can be 2 wheeler or 3 wheeler or 4 wheeler
if it is 2 wheeler then store chasie number
if four wheeler then store chasie number, engine number and engine power
if 3 wheeler then store number of seats
if it 2 wheeler then it can be geared or non geared, if it geared then store number of gears
and if it is non geared then store consumption

1. add a new vehicle
2. delete the vehicle
3. display all 2 wheeler
4. display all 3 wheeler
5. display all 4 wheeler
6. display by id
7. exit

2. Write a program using Object oriented programming.

1. Write a python program for the following:

Accept data in following format for salariedemployee objects and contractemployee employee objects

salariedemployee
12,kishori,training,Manager,1111
13,rajan,game,game designer,11111

contractemployee
12,esha,insurance,Manager,12,1000.00
13,revati,ux,ux designer,111,1500.00

Using inheritance, Create classes as follows:

person ----id,name

employee : dept,desg (*person is a parent class*)

salariedemp : sal, bonus (20% of sal) (*employee is a parent class*)

contractemp: hrs worked , hourly charges (*employee is a parent class*)

store employee data in a list and perform the following function on it.

- a) Add new Employee
- b) Delete employee
- c) Modify salary of employee
- d) Search employee
- e) Calculate Salary of Employee
- f) Display All
- g) Exit ---

Add calculateSal function in both classes

Formula for calculateSal for salariedEmp=

Da=10% of sal

Hra=15% of sal

Pf=8% of sal

Net sal=sal+da+hra-pf

Formula for calculateSal for contractEmp = hrs_worked * hourly charges