```
#Question1
SELECT
  Manufacturer,
  AVG(Horsepower) AS avg_horsepwr_per_manufacturer
FROM car_info.car_sales
WHERE Engine_size IS NOT NULL AND Wheelbase > 110 AND (Fuel_efficiency BETWEEN 16 AND 27)
GROUP BY Manufacturer;


#Question2
SELECT
  Model
FROM car_info.car_sales
WHERE Model LIKE '_e%' AND Model NOT LIKE '%y'
ORDER BY Price_in_thousands DESC
LIMIT 1


#Question 3
WITH average_width AS (
 SELECT
   Model,
   AVG(Width) AS avg_width
FROM  car_info.car_sales
GROUP BY Model
),
average_length AS (
  SELECT
```

```
  Model,

    AVG(Length) AS avg_length

  FROM  car_info.car_sales

  GROUP BY Model

),

average_curb_weight AS (

  SELECT

    Model,

    AVG(Curb_weight) AS avg_curb_weight

  FROM  car_info.car_sales

  GROUP BY Model

)

SELECT DISTINCT

  car_sales.Model

FROM   car_info.car_sales AS car_sales,  average_width, average_length, average_curb_weight

WHERE Width > avg_width

  AND Length > avg_length

  AND Curb_weight > avg_curb_weight;


#Question 4

SELECT

  Manufacturer,

  Model,

  sum(Sales_in_thousands) AS total_sales

FROM car_info.car_sales

WHERE Manufacturer LIKE 'C%' OR Manufacturer LIKE '%I' AND Model NOT IN
('Town&Country','Montero','Catera')

GROUP BY Manufacturer, Model;
```