![A close up of a map

Description generated with high confidence]()

**SALE**

**CAR**

|  |  |  |  |
| --- | --- | --- | --- |
| Serial\_no | Model | Manufacturer | Price |
| 1223344 | Civic | Honda | 250000 |
| 11223345 | City | Honda | 150000 |
| 44556677 | Lancer | Mitsubishi | 130000 |
| 44556678 | Shark | Mitsubishi | 170000 |
| 22113344 | Corolla | Toyota | 200000 |
| 77886655 | C200 | Mercedes | 500000 |

|  |  |  |  |
| --- | --- | --- | --- |
| SalesPersonID | Serial\_no | Date | SalePrice |
| AH8877 | 11223344 | 2015-03-14 | 250750 |
| AH8877 | 11223345 | 2015-10-25 | 150000 |
| VH7766 | 44556677 | 2015-03-30 | 130000 |
| MN1212 | 22113344 | 2015-11-02 | 200750 |
| VH7766 | 44556678 | 2015-01-07 | 170000 |
| AH8877 | 77886655 | 2015-03-09 | 506500 |
| MN1212 | 77886655 | 2015-03-09 | 506500 |

**SALESPERSON**

**OPTION\_CAR**

|  |  |  |
| --- | --- | --- |
| Serial\_no | Option\_name | Price |
| 44556677 | Smart key | 1000 |
| 22113344 | Parking sensor | 750 |
| 11223344 | fog | 300 |
| 77886655 | Smart key | 4000 |
| 77886655 | Parking sensor | 2500 |

|  |  |  |
| --- | --- | --- |
| ID | Name | Phone |
| AH8877 | Sayed Hussein | 0111234567 |
| VH7766 | Nader Galal |  |
| MN1212 | Samir Ayob | 0100556699 |

**Using ODB, implement the following queries**

1. Display the serial number and the price of the Toyota corolla.
2. Retrieve a model and price of each car whose has price between 150000 and 250000.
3. Retrieve a model, price, and price after adding 7% interest of all cars ordered from the most expensive car to the cheapest car.
4. Make a report named report1 (view) that contains car model, car manufacturer, car price, option name, option price and the total price of the car with each of its option.
5. For each car model, display the total prices of its options.
6. Retrieve the name and phone of salesperson whose name start with “s”.
7. Retrieve the name of salesperson who has no phone.
8. Make a report named report2 (view) that contains each car sales details (car model, car price, salesperson name, sales date, and sales price)
9. For each salesperson, display the number of cars that he sold and summation of their prices.
10. Display the details of the cheapest car(s).