Display/Collect Cars

```
Where you can compare prices of cars to make a final decison on your dream car.

Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:3
```

Type of Car	Manufacturers	Model	Year	Price
Sedan	Ford	Fusion-Hybrid	2020	28000
HP: 188 0 0 0				
Sedan	BMW	M3	2022	69000
HP: 473 503 503 0				
Sedan	Infiniti	Q50	2014	22990
HP: 328 0 0 0				
Sports-Car	Bugatti	Chiron	2020	3000000
HP: 1479 1480 1577 1580				
Sports-Car	Toyota	Supra-2.0	2021	43090
HP: 255 0 0 0				
Coupe	Lexus	RC	2021	42220
HP: 241 311 472 0				
Coupe	Honda	Civic-Sport-Coupe2D	2019	27371
HP: 158 180 0 0				
Convertible	Chevrolet	Camaro	2021	25000
HP: 275 335 650 0				
Convertible	Audi	R8	2021	142700
HP: 532 562 602 0				
Pickup Truck	Chevrolet	Silverado-1500	2019	29795
HP: 277 355 420 0				
Pickup Truck	Ford	Ranger	2020	24110
HP: 270 0 0 0				
Suv	Jeep	Cherokee	2015	11804
HP: 184 271 0 0				
Suv	Toyota	Venza	2021	32670
HP: 219 0 0 0				
Electric vehicle	Tesla	Model-S	2021	94990
HP: 670 1020 0 0				
Pickup Truck	Chevrolet	C10-Restomod	1987	24995
HP: 130 0 0 0				

Sorting Function: Lowest To Highest

```
Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:1
```

Type of Car	Manufacturers	Model	Year	Price
Suv	Jeep	Cherokee	2015	11804
HP: 184 271 0 0				
Sedan	Infiniti	Q50	2014	22990
HP: 328 0 0 0				
Pickup Truck	Ford	Ranger	2020	24110
HP: 270 0 0 0				
Pickup Truck	Chevrolet	C10-Restomod	1987	24995
HP: 130 0 0 0				
Convertible	Chevrolet	Camaro	2021	25000
HP: 275 335 650 0				
Coupe	Honda	Civic-Sport-Coupe2D	2019	27371
HP: 158 180 0 0				
Sedan	Ford	Fusion-Hybrid	2020	28000
HP: 188 0 0 0				
Pickup Truck	Chevrolet	Silverado-1500	2019	29795
HP: 277 355 420 0				
Suv	Toyota	Venza	2021	32670
HP: 219 0 0 0				
Coupe	Lexus	RC	2021	42220
HP: 241 311 472 0				
Sports-Car	Toyota	Supra-2.0	2021	43090
HP: 255 0 0 0				
Sedan	BMW	M3	2022	69000
HP: 473 503 503 0				
Electric vehicle	Tesla	Model-S	2021	94990
HP: 670 1020 0 0				
Convertible	Audi	R8	2021	142700
HP: 532 562 602 0				
Sports-Car	Bugatti	Chiron	2020	3000000
HP: 1479 1480 1577 1580				

Function Between Groups/Filter

```
Where you can compare prices of cars to make a final decison on your dream car.

Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:4
Please select # 1 car model of your choice
M3
Please select # 2 car model of your choice
R8
The first car is M3
The second car is R8
The price of the first car is $69000
The price of the second car is $ 142700
Difference is $ 73700
```

Multiple Analysis

```
Difference is $ 73700

Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:6
Please enter a car type of your choice to see its avg price it contains: Sedan

Car Type, Manufacturers, Model, Year, Price
Sedan ,Ford ,Fusion-Hybrid ,2020 ,28000

Sedan ,BMW ,M3 ,2022 ,69000

Sedan ,Infiniti ,Q50 ,2014 ,22990

Car Type(Sedan)average is $ 39996.67
```

Within Group Analysis

```
Car Type(Sedan)average is $ 39996.67

Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:7
Please enter a model of your choice to see its Horsepower Min & Max (range): M3

Highest HP: 503
Lowest HP: 0
Range: 0-503
```

Remove Function

```
Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:2
Please enter car_type that you wish to remove: Sedan
Type of Car         Manufacturers              Model              Year              Price
================================================================================================
Sports-Car                Bugatti                Chiron            2020           3000000
HP: 1479 1480 1577 1580
Sports-Car                Toyota                Supra-2.0          2021             43090
HP: 255 0 0 0
Coupe                     Lexus                     RC             2021             42220
HP: 241 311 472 0
Coupe                     Honda         Civic-Sport-Coupe2D        2019             27371
HP: 158 180 0 0
Convertible              Chevrolet                Camaro           2021             25000
HP: 275 335 650 0
Convertible               Audi                     R8             2021            142700
HP: 532 562 602 0
Pickup Truck             Chevrolet            Silverado-1500       2019             29795
HP: 277 355 420 0
Pickup Truck              Ford                   Ranger           2020             24110
HP: 270 0 0 0
Suv                       Jeep                  Cherokee          2015             11804
HP: 184 271 0 0
Suv                       Toyota                 Venza            2021             32670
HP: 219 0 0 0
Electric vehicle          Tesla                 Model-S           2021             94990
HP: 670 1020 0 0
Pickup Truck             Chevrolet             C10-Restomod       1987             24995
HP: 130 0 0 0
```

Exit Loop

```
Would you like to
1       View Price of cars from lowest to highest
2       Remove car_type
3       Display all cars
4       Select two cars to compare prices
5       Display lowest and highest car price
6       Cartype Avg price
7       Highest Hp of Model Or
8       Exit the loop?
Please select a Option:8
Thank you for using the Program (:

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```