

# CPB221 Assignment 10

## 1. Car Object List

- Use the code below without modification but implement the class so that the output is as follows.
- Sorting of the car list is performed based on the price.
- **Input:** In the first line, the number of cars N ( $1 \leq N \leq 1,000$ ) are given. After that, in each of the N lines, the ID, price, year of manufacture, and mileage of each car are given with a space in between. The total of all medals is not more than 1,000,000.
- **Output:** As in the example below.

```
#define class here

# do not modify codes below
cars = []
cnt = int(input())
for i in range(cnt):
    id, price, year, km = map(int, input().split())
    cars.append(car(id, price, year, km))
cars.sort(reverse=True)
for c in cars: c.printInfo()
```

Base code

```
2
1 2000 2017 80000
2 2500 2020 70000
1 added
2 added
id=2 | price=2500 | year=2020 | km=70000
id=1 | price=2000 | year=2017 | km=80000
```

Execution Result 1

```
4
5 1500 2018 5020
4 2800 2017 3000
6 2400 2016 3000
2 3500 2022 1800
5 added
4 added
6 added
2 added
id=2 | price=3500 | year=2022 | km=1800
id=4 | price=2800 | year=2017 | km=3000
id=6 | price=2400 | year=2016 | km=3000
id=5 | price=1500 | year=2018 | km=5020
```

Execution Result 2