Python Pandas Exercise

1: From the given dataset print the first and last five rows

Expected Output:

	index	company	body-style	wheel-base	length	engine-type	num-of-cylinders	horsepower	average-mileage	price
0	0	alfa-romero	convertible	88.6	168.8	dohc	four	111	21	13495.0
1	1	alfa-romero	convertible	88.6	168.8	dohc	four	111	21	16500.0
2	2	alfa-romero	hatchback	94.5	171.2	ohcv	six	154	19	16500.0
3	3	audi	sedan	99.8	176.6	ohc	four	102	24	13950.0
4	4	audi	sedan	99.4	176.6	ohc	five	115	18	17450.0

Python Pandas printing first 5 rows

	index	company	body-style	wheel-base	length	engine-type	num-of-cylinders	horsepower	average-mileage	price
56	81	volkswagen	sedan	97.3	171.7	ohc	four	85	27	7975.0
57	82	volkswagen	sedan	97.3	171.7	ohc	four	52	37	7995.0
58	86	volkswagen	sedan	97.3	171.7	ohc	four	100	26	9995.0
59	87	volvo	sedan	104.3	188.8	ohc	four	114	23	12940.0
60	88	volvo	wagon	104.3	188.8	ohc	four	114	23	13415.0

Python Pandas printing last 5 rows

2: Clean the dataset and update the CSV file

Replace all column values which contain `?`, `n.a`, or `NaN`.

3: Find the most expensive car company name

Print most expensive car's company name and price.

Expected Output:

	company	price
35	mercedes-benz	45400.0

4: Print All Toyota Cars details

Expected Output:

	index	company	body-style	wheel-base	length	engine-type	num-of-cylinders	horsepower	average-mileage	price
48	66	toyota	hatchback	95.7	158.7	ohc	four	62	35	5348.0
49	67	toyota	hatchback	95.7	158.7	ohc	four	62	31	6338.0
50	68	toyota	hatchback	95.7	158.7	ohc	four	62	31	6488.0
51	69	toyota	wagon	95.7	169.7	ohc	four	62	31	6918.0
52	70	toyota	wagon	95.7	169.7	ohc	four	62	27	7898.0
53	71	toyota	wagon	95.7	169.7	ohc	four	62	27	8778.0
54	79	toyota	wagon	104.5	187.8	dohc	six	156	19	15750.0

5: Count total cars per company

Expected Outcome:

```
toyota           7
bmw              6
mazda            5
nissan           5
volkswagen       4
audi             4
mitsubishi       4
mercedes-benz    4
chevrolet        3
porsche          3
jaguar           3
honda            3
alfa-romero      3
isuzu            3
dodge            2
volvo            2
Name: company, dtype: int64
```