

```
In [9]: import pandas as pd

comp=pd.read_csv("computer_hardware_dataset.csv")
comp.head()
```

```
Out[9]:
```

	vendor_name	model_name	MYCT	MMIN	MMAX	CACH	CHMIN	CHMAX	PRP	ERP
0	adviser	32/60	125	256	6000	256	16	128	198	199
1	amdahl	470v/7	29	8000	32000	32	8	32	269	253
2	amdahl	470v/7a	29	8000	32000	32	8	32	220	253
3	amdahl	470v/7b	29	8000	32000	32	8	32	172	253
4	amdahl	470v/7c	29	8000	16000	32	8	16	132	132

In [16]:

```
comp.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 209 entries, 0 to 208
Data columns (total 10 columns):
 #   Column      Non-Null Count  Dtype
---  -
 0   vendor_name 209 non-null    object
 1   model_name  209 non-null    object
 2   MYCT        209 non-null    int64
 3   MMIN        209 non-null    int64
 4   MMAX        209 non-null    int64
 5   CACH        209 non-null    int64
 6   CHMIN       209 non-null    int64
 7   CHMAX       209 non-null    int64
 8   PRP        209 non-null    int64
 9   ERP        209 non-null    int64
dtypes: int64(8), object(2)
memory usage: 14.8+ KB
```

In []:

```
In [25]: c1=comp["vendor_name"]=="adviser"
c2=comp["vendor_name"]=="amdahl"

comp[c1 | c2]
```

Out[25]:

	vendor_name	model_name	MYCT	MMIN	MMAX	CACH	CHMIN	CHMAX	PRP	ERP
0	adviser	32/60	125	256	6000	256	16	128	198	199
1	amdahl	470v/7	29	8000	32000	32	8	32	269	253
2	amdahl	470v/7a	29	8000	32000	32	8	32	220	253
3	amdahl	470v/7b	29	8000	32000	32	8	32	172	253
4	amdahl	470v/7c	29	8000	16000	32	8	16	132	132
5	amdahl	470v/b	26	8000	32000	64	8	32	318	290
6	amdahl	580-5840	23	16000	32000	64	16	32	367	381
7	amdahl	580-5850	23	16000	32000	64	16	32	489	381
8	amdahl	580-5860	23	16000	64000	64	16	32	636	749
9	amdahl	580-5880	23	32000	64000	128	32	64	1144	1238

```
In [17]: comp["vendor_name"].isin(["adviser", "amdahl"])
```

```
Out[17]: 0      True
         1      True
         2      True
         3      True
         4      True
         ...
        204    False
        205    False
        206    False
        207    False
        208    False
        Name: vendor_name, Length: 209, dtype: bool
```

```
In [15]: comp[comp["vendor_name"].isin(["adviser", "amdahl"])]
```

```
Out[15]:
```

	vendor_name	model_name	MYCT	MMIN	MMAx	CACH	CHMIN	CHMAX	PRP	ERP
0	adviser	32/60	125	256	6000	256	16	128	198	199
1	amdahl	470v/7	29	8000	32000	32	8	32	269	253
2	amdahl	470v/7a	29	8000	32000	32	8	32	220	253
3	amdahl	470v/7b	29	8000	32000	32	8	32	172	253
4	amdahl	470v/7c	29	8000	16000	32	8	16	132	132
5	amdahl	470v/b	26	8000	32000	64	8	32	318	290
6	amdahl	580-5840	23	16000	32000	64	16	32	367	381
7	amdahl	580-5850	23	16000	32000	64	16	32	489	381
8	amdahl	580-5860	23	16000	64000	64	16	32	636	749
9	amdahl	580-5880	23	32000	64000	128	32	64	1144	1238