

*python basics



creating a tuple

```
a=(1,2,4,6,34,87,56,982345,6776,6776,56,4)
```

```
a
```

```
(1, 2, 4, 6, 34, 87, 56, 982345, 6776, 6776, 56, 4)
```

creating set

```
a={98,56,98,8,67,'manav',67,98}
```

```
a
```

```
{56, 67, 8, 98, 'manav'}
```

importing pandas library

```
import pandas as pd
```

read dataset file

```
fruit=pd.read_csv('/content/Fruits.csv')
```

```
fruit
```

	Fruit Category	Fruit Name	Fruit Weight	Fruit Width	Fruit Length	Fruit Colour Score
0	1	Apple	192	8.4	7.3	0.55
1	1	Apple	180	8.0	6.8	0.59
2	1	Apple	176	7.4	7.2	0.60
3	1	Apple	178	7.1	7.8	0.92
4	1	Apple	172	7.4	7.0	0.89
5	1	Apple	166	6.9	7.3	0.93
6	1	Apple	172	7.1	7.6	0.92
7	1	Apple	154	7.0	7.1	0.88
8	1	Apple	164	7.3	7.7	0.70
9	1	Apple	152	7.6	7.3	0.69
10	1	Apple	156	7.7	7.1	0.69
11	1	Apple	156	7.6	7.5	0.67
12	1	Apple	168	7.5	7.6	0.73
13	1	Apple	162	7.5	7.1	0.83
14	1	Apple	162	7.4	7.2	0.85
15	1	Apple	160	7.5	7.5	0.86
16	1	Apple	156	7.4	7.4	0.84
17	1	Apple	140	7.3	7.1	0.87
18	1	Apple	170	7.6	7.9	0.88
19	2	Orange	86	6.2	4.7	0.80
20	2	Orange	84	6.0	4.6	0.79
21	2	Orange	80	5.8	4.3	0.77
22	2	Orange	80	5.9	4.3	0.81
23	2	Orange	76	5.8	4.0	0.81
24	2	Orange	342	9.0	9.4	0.75
25	2	Orange	356	9.2	9.2	0.75
26	2	Orange	362	9.6	9.2	0.74
27	2	Orange	204	7.5	9.2	0.77
28	2	Orange	140	6.7	7.1	0.72
29	2	Orange	160	7.0	7.4	0.81
30	2	Orange	158	7.1	7.5	0.79
31	2	Orange	210	7.8	8.0	0.82

32	2	Orange	164	7.2	7.0	0.80
33	2	Orange	190	7.5	8.1	0.74
34	2	Orange	142	7.6	7.8	0.75
35	2	Orange	150	7.1	7.9	0.75
36	2	Orange	160	7.1	7.6	0.76
37	2	Orange	154	7.3	7.3	0.79
38	2	Orange	158	7.2	7.8	0.77
39	2	Orange	144	6.8	7.4	0.75
40	2	Orange	154	7.1	7.5	0.78
41	2	Orange	180	7.6	8.2	0.79
42	2	Orange	154	7.2	7.2	0.82
43	3	Lemon	97	7.2	10.3	0.70
44	3	Lemon	70	7.3	10.5	0.72
45	3	Lemon	93	7.2	9.2	0.72
46	3	Lemon	80	7.3	10.2	0.71
47	3	Lemon	98	7.3	9.7	0.72
48	3	Lemon	87	7.3	10.1	0.72
49	3	Lemon	66	5.8	8.7	0.73
50	3	Lemon	65	6.0	8.2	0.71
51	3	Lemon	58	6.0	7.5	0.72
52	3	Lemon	59	5.9	8.0	0.72
53	3	Lemon	60	6.0	8.4	0.74
54	3	Lemon	58	6.1	8.5	0.71
55	3	Lemon	58	6.3	7.7	0.72
56	3	Lemon	58	5.9	8.1	0.73

```
fruit.head()
```

fruit.tail()

	Fruit Category	Fruit Name	Fruit Weight	Fruit Width	Fruit Length	Fruit Colour Score
54	3	Lemon	58	6.1	8.5	0.71
55	3	Lemon	58	6.3	7.7	0.72

Files



- ..
- sample_data
 - Fruits.csv

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