

Lab Ass 12



Date ___/___/___

Q) Given a dataframe name aid that stores the aid for an NGO for different states

	Toys	Books	Uniform	Shoes
Andhra	7916	6189	610	8810
Odisha	8508	8208	508	6798
M.P.	7226	6149	611	9611
U.P.	7617	6157	457	6457

named

Create a ~~create~~ dataframe, 'aid' & write a python code to display:

- Books & uniform only
- Shoes only

→ Import Section B

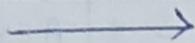
Write a python code to display the aid for, Andhra & Odisha for books and uniform only.

→ import pandas as pd

```
l = [ [7916, 6189, 610, 8810],
      [8508, 8208, 508, 6798],
      [7226, 6149, 611, 9611],
      [7617, 6157, 457, 6457] ]
```

```
aid = pd.DataFrame(l, rows= columns=['Toys', 'Books', 'Uniform',
                                         'shoes'], index=['Andhra', 'odisha', 'MP', 'UP'])
```

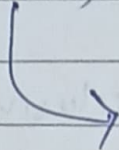
aid



	Toys	Books	Uniform	Shoes
Andhra	7916	6189	610	8810
odisha	8508	8208	508	6798
MP	7226	6149	611	9611
UP	7617	6157	457	6457

print

① (aid[['Books', 'Uniform']])



	Books	Uniform
Andhra	6189	610
odisha	8208	508
MP	6149	611
UP	6157	457

② aid.shoes

Section B

```
print(aid.loc['Andhra': 'odisha', 'Books': 'Uniform'])
```



Andhra	8810
odisha	6798
MP	9611
UP	6457

	Books	Uniform
Andhra	6189	610
Odisha	8208	508