

Name:- Rohit Jagtap

Roll no:- 318

PRN:- 202201040048

Batch:- C1

CSV File:- /content/Book1.csv

```
#1. fetch the details of csv file
import pandas as pd
df=pd.read_csv(r"/content/Book1.csv")
display(df)
```

	Shop_Name	Type_of_Book	Book_Name	Author	Copies_Sold	Price	Discounted_Price
0	Oxford Book Stall	Educational	H.C Verma	H.C Verma	700	1000	950
1	Amity Books	Progammimg	Let Us C	Yashwant Kanetkar	1000	500	475
2	MIT	Comedy	Panchtantra	Sagar Das	200	300	300
3	ALLEN	Stocks	BSC	Harshad Mehta	1200	500	550
4	Sharda Book Depot	Studty Material	Balbharti	Grover	500	5000	4950
5	Rohit	Autobiography	My Life	Rohit Jagtap	200	4090	4000
6	Om	Biography	Let's Seek	Rohit Jagtap	5000	999	788
7	Aditya	Biography	Funny Life	Rohit Jagtap	200	220	200
8	Jaggy	Anime	Death Note	Kira	50	600	500
9	VIT	Political	Fraud	Raj Thakrey	30	50	45
10	Harvard	Religious	Ramanaya	Tony Stark	450	700	678
11	PCCOE	College Life	PCCOE the Story	Rohit Jagtap	600	850	800
12	Vidhyabharti	General Knowledge	India	Narandra Modi	700	2000	1560
13	Prodigy	Life	College Stories	M.D Goudar	10	1100	1000
14	Chh. Shivaji	Historical	NaN	NaN	100	111	100
15	Dreko	Srtories	Fast N Furious	Tom Cruise	20	555	525
16	Hogwart's Books	Magic	Harry Potter	J.K Rowling	550	700	600
17	Stars Book Gallery	Hollywood	Rock	Stock Jake	600	459	420
18	New York Street	Financial	Elon Musk	Elon Musk	10000	600	600

#2. display all discounted prices having greater than 45 value

```
import pandas as pd
df=pd.read_csv(r"/content/Book1.csv")
l= df["Discounted_Price"].tolist()
print("Discounted_Price=",l)
l.pop(9)
print("Discounted_Price=",l)
```

OUTPUT:-

```
Discounted_Price= [950, 475, 300, 550, 4950, 4000, 788, 200, 500, 45, 678,
800, 1560, 1000, 100, 525, 600, 420, 600]
Discounted_Price= [950, 475, 300, 550, 4950, 4000, 788, 200, 500, 678,
800, 1560, 1000, 100, 525, 600, 420, 600]
```

#3. display all book names with copies sold greater than 10

```
import pandas as pd
df=pd.read_csv(r"/content/Book1.csv")
l= df["Book_Name"].tolist()
l.pop(13)
print("Book_Name=",l)
l= df["Copies_Sold"].tolist()
l.pop(13)
print("Copies_Sold=",l)
```

OUTPUT:- Book_Name= ['H.C Verma', 'Let Us C', 'Panchtantra', 'BSC',
'Balbharti', 'My Life', "Let's Seek", 'Funny Life', 'Death Note', 'Fraud',
'Ramanaya', 'PCCOE the Story', 'India', nan, 'Fast N Furious', 'Harry
Potter', 'Rock', 'Elon Musk']

```
Copies_Sold= [700, 1000, 200, 1200, 500, 200, 5000, 200, 50, 30, 450, 600,
700, 100, 20, 550, 600, 10000]
```

#4. display csv in form of dictionary

```
import csv

filename ="/content/Book1.csv"

with open(filename, 'r') as data:
    for line in csv.DictReader(data):
        print(line)
```

OUTPUT:-

```

{'Shop_Name': 'Oxford Book Stall', 'Type_of_Book': 'Educational',
'Book_Name': 'H.C Verma', 'Author': 'H.C Verma', 'Copies_Sold': '700',
'Price': '1000', 'Discounted_Price': '950'}
{'Shop_Name': 'Amity Books', 'Type_of_Book': 'Progammimg', 'Book_Name':
'Let Us C', 'Author': 'Yashwant Kanetkar', 'Copies_Sold': '1000', 'Price':
'500', 'Discounted_Price': '475'}
{'Shop_Name': 'MIT', 'Type_of_Book': 'Comedy', 'Book_Name': 'Panchtantra',
'Author': 'Sagar Das', 'Copies_Sold': '200', 'Price': '300',
'Discounted_Price': '300'}
{'Shop_Name': 'ALLEN', 'Type_of_Book': 'Stocks', 'Book_Name': 'BSC',
'Author': 'Harshad Mehta', 'Copies_Sold': '1200', 'Price': '500',
'Discounted_Price': '550'}
{'Shop_Name': 'Sharda Book Depot', 'Type_of_Book': 'Studty Material',
'Book_Name': 'Balbharti', 'Author': 'Grover', 'Copies_Sold': '500',
'Price': '5000', 'Discounted_Price': '4950'}
{'Shop_Name': 'Rohit', 'Type_of_Book': 'Autobiography', 'Book_Name': 'My
Life', 'Author': 'Rohit Jagtap', 'Copies_Sold': '200', 'Price': '4090',
'Discounted_Price': '4000'}
{'Shop_Name': 'Om ', 'Type_of_Book': 'Biography', 'Book_Name': "Let's
Seek", 'Author': 'Rohit Jagtap', 'Copies_Sold': '5000', 'Price': '999',
'Discounted_Price': '788'}
{'Shop_Name': 'Aditya', 'Type_of_Book': 'Biography', 'Book_Name': 'Funny
Life', 'Author': 'Rohit Jagtap', 'Copies_Sold': '200', 'Price': '220',
'Discounted_Price': '200'}
{'Shop_Name': 'Jaggy', 'Type_of_Book': 'Anime', 'Book_Name': 'Death Note',
'Author': 'Kira', 'Copies_Sold': '50', 'Price': '600', 'Discounted_Price':
'500'}
{'Shop_Name': 'VIT', 'Type_of_Book': 'Political', 'Book_Name': 'Fraud',
'Author': 'Raj Thakrey', 'Copies_Sold': '30', 'Price': '50',
'Discounted_Price': '45'}
{'Shop_Name': 'Harvard', 'Type_of_Book': 'Religious', 'Book_Name':
'Ramanaya', 'Author': 'Tony Stark', 'Copies_Sold': '450', 'Price': '700',
'Discounted_Price': '678'}
{'Shop_Name': 'PCCOE', 'Type_of_Book': 'College Life', 'Book_Name': 'PCCOE
the Story', 'Author': 'Rohit Jagtap', 'Copies_Sold': '600', 'Price':
'850', 'Discounted_Price': '800'}
{'Shop_Name': 'Vidhyabharti', 'Type_of_Book': 'General Knowledge',
'Book_Name': 'India', 'Author': 'Narandra Modi', 'Copies_Sold': '700',
'Price': '2000', 'Discounted_Price': '1560'}
{'Shop_Name': 'Prodigy', 'Type_of_Book': 'Life', 'Book_Name': 'College
Stories', 'Author': 'M.D Goudar', 'Copies_Sold': '10', 'Price': '1100',
'Discounted_Price': '1000'}
{'Shop_Name': 'Chh. Shivaji', 'Type_of_Book': 'Historical', 'Book_Name':
'', 'Author': '', 'Copies_Sold': '100', 'Price': '111',
'Discounted_Price': '100'}
{'Shop_Name': 'Dreko', 'Type_of_Book': 'Srtories', 'Book_Name': 'Fast N
Furious', 'Author': 'Tom Cruise', 'Copies_Sold': '20', 'Price': '555',
'Discounted_Price': '525'}
{'Shop_Name': "Hogwart's Books", 'Type_of_Book': 'Magic', 'Book_Name':
'Harry Potter', 'Author': 'J.K Rowling', 'Copies_Sold': '550', 'Price':
'700', 'Discounted_Price': '600'}
{'Shop_Name': 'Stars Book Gallery', 'Type_of_Book': 'Hollywood',
'Book_Name': 'Rock', 'Author': 'Stock Jake', 'Copies_Sold': '600',
'Price': '459', 'Discounted_Price': '420'}

```

```
{'Shop_Name': 'New York Street', 'Type_of_Book': 'Financial', 'Book_Name':  
'Elon Musk', 'Author': 'Elon Musk', 'Copies_Sold': '10000', 'Price':  
'600', 'Discounted_Price': '600'}
```