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In [1]: # Importing Pandas library to read the data
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```
import pandas as pd
```

```
In [2]: # Importing both csv files and storing it on "amazon" and "flipkart" variable
```

```
amazon=pd.read_csv("C:/Users/Shubham/Desktop/DS-assignment/DS - Assignment Part 2 data set/amz_com-ecommerce_sample.csv",encoding='utf-8')
flipkart=pd.read_csv(r"C:\Users\Shubham\Desktop\DS-assignment\DS - Assignment Part 2 data set\flipkart_com-ecommerce_sample.csv",encoding='utf-8')
```

```
In [3]: # Renaming some column names of both dataframes
```

```
amazon.rename(columns={"product_name":"Product name in Amazon","retail_price":"Retail Price in Amazon","discounted_price":"Discounted Price in Amazon"})
flipkart.rename(columns={"product_name":"Product name in Flipkart","retail_price":"Retail Price in Flipkart","discounted_price":"Discounted Price in Flipkart"})
```

```
In [4]: # Creating two new tables from old tables with few required columns only
```

```
a=flipkart[["uniq_id","Product name in Flipkart","Retail Price in Flipkart","Discounted Price in Flipkart"]]
b=amazon[["uniq_id","Product name in Amazon","Retail Price in Amazon","Discounted Price in Amazon"]]
```

```
In [5]: # Joining both tables on the similar column of both tables and storing it on a new variable
```

```
c=pd.merge(a,b,on="uniq_id")
```

```
In [6]: # Removing "uniq_id" column
```

```
c=c.drop(['uniq_id'],axis=1)
```

```
In [7]: # Showing the first five row of the table
```

```
c.head()
```

Out[7]:

	Product name in Flipkart	Retail Price in Flipkart	Discounted Price in Flipkart	Product name in Amazon	Retail Price in Amazon	Discounted Price in Amazon
0	Alisha Solid Women's Cycling Shorts	999.0	379.0	Alisha Solid Women's Cycling Shorts	982	438
1	FabHomeDecor Fabric Double Sofa Bed	32157.0	22646.0	FabHomeDecor Fabric Double Sofa Bed	32143	29121
2	AW Bellies	999.0	499.0	AW Bellies	991	551
3	Alisha Solid Women's Cycling Shorts	699.0	267.0	Alisha Solid Women's Cycling Shorts	694	325
4	Sicons All Purpose Arnica Dog Shampoo	220.0	210.0	Sicons All Purpose Arnica Dog Shampoo	208	258

In []: *# Exporting csv file into excel format without indexing*

```
c.to_excel(r"C:\Users\Shubham\Desktop\DS-assignment\DS - Assignment Part 2 data set\Data2.xlsx",index=False)
```