Name-Rushikesh sable

Roll no- 281(B4)

```
import csv
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```python
f=open('/content/list.csv','r')
f1=open('/content/Supplier details.csv','r')
f2=open('/content/merge.csv','w')

A1=list(csv.reader(f,delimiter=','))
A2=list(csv.reader(f1,delimiter=','))

print('product contain are',A1)
print('supplier contain are',A2)

A3=[]
for i in range(len(A1)):
  A3.append(A1[i]+A2[i])
  cf2=csv.writer(f2)
  cf2.writerows(A3)
print("\n\nThe merged data is:",A3)

f1.close()
f2.close()
f.close()
```

```
product contain are [['Product Id', 'Product Name', 'Product Price',
'Product quantity'], ['101', 'TV', '25000', '30'], ['102', 'Fridge',
'50000', '40'], ['103', 'Washing machine', '20000', '55'], ['104',
'Speakers', '10000', '60'], ['105', 'Laptop', '60000', '60'], ['106', 'Air
conditioner', '40000', '50']]
supplier contain are [['Supplier Id', 'Supplier Name', 'Supplier
Address'], ['1101', 'Samsung', 'Mumbai'], ['1102', 'LG', 'pune'], ['1103',
'Whirpool', 'Chennai'], ['1104', 'Boat', 'kolkata'], ['1105', 'Asus',
'Lucknow'], ['1106', 'Hitachi', 'nagpur']]


The merged data is: [['Product Id', 'Product Name', 'Product Price',
'Product quantity', 'Supplier Id', 'Supplier Name', 'Supplier Address'],
['101', 'TV', '25000', '30', '1101', 'Samsung', 'Mumbai'], ['102',
```

```
'Fridge', '50000', '40', '1102', 'LG', 'pune'], ['103', 'Washing machine',
'20000', '55', '1103', 'Whirpool', 'Chennai'], ['104', 'Speakers',
'10000', '60', '1104', 'Boat', 'kolkata'], ['105', 'Laptop', '60000',
'60', '1105', 'Asus', 'Lucknow'], ['106', 'Air conditioner', '40000',
'50', '1106', 'Hitachi', 'nagpur']]
```

```python
def merge_csv_file(file):
  doctors_dict = {}

  csv_file = open(file, 'r')
  csv_reader = csv.reader(csv_file)
  next(csv_reader) # Skip the header row

  for row in csv_reader:
    Supplier_id = int(row[0])
    Supplier_name = row[1]
    Supplier_Address = row[2]
    Product_id= row[3]
    Product_name = row[4]
    Product_price = row[5]
    Product_Quantity = row[6]
    Supplier_dict[Supplier_id] =
    [Supplier_name,Supplier_Address,Product_id,Product_name,Product_price,
Product_Quantity]
  csv_file.close()

return Supplier_dict
csv_file.close()
Supplier_dict = merge_csv_file(file)
print("\nSupplier Dictionary:")
print(Supplier_dict)
file = '/content/merged_file.csv'
```