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EDUFECT DATA SCIENCES

DS-B3#3

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Task 1	What is the output of the following code
	import pandas as pd
	list1 = [[2,3,10],[1,4,10],[2,3,10],[1,4,20],[2,3,20]]
	week = ['Mon','Tue','Wed','Thu','Fri']
	prod = ['Pepsi','Coke','Bisleri']
	dfr1 = pd.DataFrame(data=list1,index=week,columns=prod)
	print(dfr1)
	print(dfr1.sum())
	print(dfr1.sum()['Pepsi'])
	print(dfr1.sum().iloc[0])
	print(dfr1.sum(axis=1))
	print(dfr1.sum(axis=1).iloc[0])
	print(dfr1.sum(axis=1).iloc[1])
	print(dfr1.sum(axis=0))
	print(dfr1.min())

Task 2	What is the output of the following code
	import pandas as pd
	dfr1 = pd.DataFrame({'A': [10,20,30,40,50], 'B': [2,4,6,8,10]})
	print(dfr1.values.sum())
	print(dfr1.max())
	print(dfr1.max()['B'])
	print(dfr1.sum().iloc[0])
	print(dfr1.max().iloc[0])
	print(dfr1.min().iloc[0])
	print(dfr1.sum(axis=1))
	print(dfr1.sum(axis=1).iloc[0])
	print(dfr1.sum(axis=1).iloc[1])

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