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"""if a:=input("Entre a name:"):
    b=input("Entre a age:")

    a=="Ankit" and b=="18"
    print("Hello")"""

"""if (a:=input("Entre a name:")):
    b=input("Entre b age:")
    mark=int(input("Entre your mark:"))
else:mark==50
print("pass mark")"""

"""if(a:=input("Entre a name:")):
    b=input("Entre a subject:")
    mark=int(input("Entre your mark:"))
else: mark == 90
print("A Grade")"""

"""def op (Ankit,Rahul):
    print("Hello")
    c=Ankit+Rahul
n=op(Ankit=95,Rahu1=90)
print(n)"""

"""import pandas as pd
Book1=pd.read_excel("C:\\\\OneDrive\\\\SIRISHA - Personal\\\\Book1.xlsx")
print(Book1)"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
print(notebook)"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
print("Missing notebook:\n",notebook.isnull().sum())"""

"""import pandas as pd
notebook = {

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'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
print("\nDuplicated Rows:\n",notebook.duplicated())"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
notebook = notebook.drop_duplicates()
print("\nAfter Removing Duplicates:\n",notebook)"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
print("\nAfter Handling Outliers:\n",notebook)"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
notebook['Percentage'] = pd.to_numeric(notebook['Percentage'])
ninety_fifth_percentile = notebook['Percentage'].quantile(0.95)
outliers = notebook[notebook['Percentage'] > ninety_fifth_percentile]
print("\nOutliers(percentage above 95th percentile):\n")
print(outliers)"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : ['18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': ['95', '90', '90', '85', '75']
}

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notebook = pd.DataFrame(notebook)
selected_columns = notebook[['Name', 'Percentage']]
print("\nSelectedColumns('Name' and 'Percentage'):\n")
print(selected_columns)

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : [ '18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': [ '95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
notebook['Percentage'] = pd.to_numeric(notebook['Percentage'])
notebook_sorted = notebook.sort_values(by='Percentage', ascending=False)
print("\nsorted by percentage (descending):\n",notebook)"""

"""import pandas as pd
email_notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Email': ['Ankit@example.com', 'Rahul@example.com',
'Shaurya@example.com', 'Aishwarya@example.com',
'Priyanka@example.com']
}
notebook = pd.DataFrame(email_notebook)
print("\nMerged notebook:\n",notebook)"""

"""import pandas as pd
email_notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Email': ['Ankit@example.com', 'Rahul@example.com',
'Shaurya@example.com', 'Aishwarya@example.com',
'Priyanka@example.com']
}
notebook = pd.DataFrame(email_notebook)
print("\nStudents information:\n",notebook)"""

"""import pandas as pd
notebook = {
'Name': ['Ankit', 'Rahul', 'Shaurya', 'Aishwarya', 'Priyanka'],
'Age' : [ '18', '19', '20', '18', '19'],
'Stream':[ 'Math', 'Science', 'Commerce', 'Math', 'Science'],
'Percentage': [ '95', '90', '90', '85', '75']
}
notebook = pd.DataFrame(notebook)
notebook['Percentage'] = pd.to_numeric(notebook['Percentage'], errors='coerce') # Convert to numeric
lowest_percentage = notebook['Percentage'].min()
lowest_percentage_students = notebook[notebook['Percentage'] == lowest_percentage]
print("\nStudent(s) with the lowest percentage

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:\n",lowest_percentage_students)"""
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