

colab.research.google.com

ICP 1 - Summer 2025 Big Data Analytics (DS...Welcome To Colab - ColabUntitled0.ipynb - ColabNirmalaMangamuri/ICP-1: Mangamuri Venkat...how to screenshot on mac - Google Search

Untitled0.ipynb

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Commands+ Code+ TextRun all

RAMDisk

```
# 10. Join A with B and B with A (same result as union)
print("A union B:", A.union(B))
print("B union A:", B.union(A))

# 11. Symmetric difference between A and B
print("Symmetric difference (A Δ B):", A.symmetric_difference(B))

# 12. Delete the sets completely
del A
del B
# print(A) # This would raise NameError if you try after deletion

# 13. Convert age list to set and compare lengths
age_set = set(age)
print("Original age list:", age)
print("Set from age list:", age_set)
print("Length of age list:", len(age))
print("Length of set:", len(age_set))
```

Length of IT_companies: 7
After adding Twitter: {'IBM', 'Amazon', 'Facebook', 'Microsoft', 'Twitter', 'Google', 'Apple', 'Oracle'}
After adding multiple companies: {'IBM', 'Google', 'Accenture', 'Apple', 'Amazon', 'Facebook', 'Twitter', 'Oracle', 'Infosys', 'TCS', 'Microsoft'}
After removing IBM: {'Google', 'Accenture', 'Apple', 'Amazon', 'Facebook', 'Twitter', 'Oracle', 'Infosys', 'TCS', 'Microsoft'}
Join A and B: {19, 20, 22, 24, 25, 26, 27, 28}
A n B: {19, 20, 22, 24, 25, 26}
Is A subset of B?: True
Are A and B disjoint sets?: False
A union B: {19, 20, 22, 24, 25, 26, 27, 28}
B union A: {19, 20, 22, 24, 25, 26, 27, 28}
Symmetric difference (A Δ B): {27, 28}
Original age list: [22, 19, 24, 25, 26, 24, 25, 24]
Set from age list: {19, 22, 24, 25, 26}

VariablesTerminal

11:06 PM