Sets

1. How do you create an empty set?
2. How do you add an element to a set?
3. How do you remove an element from a set?
4. How do you check if an element exists in a set?
5. How do you find the length of a set?
6. How do you convert a list into a set?
7. How do you clear all elements from a set?
8. How do you check if one set is a subset of another set?
9. How do you check if one set is a superset of another set?
10. How do you create a set from a string?
11. How do you find the union of two sets?
12. How do you find the intersection of two sets?
13. How do you find the difference between two sets?
14. How do you find the symmetric difference of two sets?
15. How do you remove duplicate elements from a list using a set?
16. How do you check if two sets are disjoint?
17. How do you copy a set?
18. How do you iterate over the elements of a set?
19. How do you freeze a set to make it immutable?
20. How do you find common elements between multiple sets?
21. How do you find the Cartesian product of two sets?
22. How do you check if a set is a subset of another set using a set operation?
23. How would you efficiently merge several sets into one?
24. How do you find the smallest and largest elements in a set?
25. How do you remove multiple elements from a set at once?
26. How do you perform set operations (union, intersection, etc.) on more than two sets?
27. How do you find all unique subsets of a given set?
28. How do you implement custom set-like behavior in a class?
29. How do you check if two sets are equal?
30. How do you use sets to solve a problem involving unique combinations or duplicates?