Python Set Data Type Methods Interview Questions

1. What is a set in Python?

2. How to create and get the length of python set?

3. What is the purpose of the add() method in Python sets?

4. What is the purpose of the update() method in Python sets?

5. What is the purpose of the remove() method in Python sets?

6. What is the purpose of the discard() method in Python sets?

7. What is differences between add() vs update() in sets?

8. What is differences between remove() vs discard() in sets?

9. How to remove all items from a set at a time?

10. How do you use the copy() method to create a shallow copy of a set?

11. Explain the concept of a frozen set in Python.

12. How can you perform a union operation on multiple sets in Python?

13. How can you perform a intersection operation on multiple sets in Python?

14. How do you check if one set is a subset of another in Python?

15. How do you check if one set is a superset of another in Python?

16. What is the purpose of the pop() method in Python sets?

17. Explain the difference between union() and update() methods in sets.

18. Discuss the role of the symmetric_difference() method in Python sets.

19. Discuss the role of the symmetric_difference_update() method in Python sets.

20. Discuss the role of the intersection_update() method in Python sets.