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std::set
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09 June 2021 07:07

1. std::set- sorted value using binary search tree

2. Second template parameter (Compare)

This shall be a function pointer or a function object.

Uses the default std::less

- 3. Iterators const, non-const bidirectional and reverse iterator
- 4. Members access via itr
- 5. Size
  - · size number of elements currently used
  - empty

MAX SIZE - ???

- 6. Set size related
  - erase(it) or erase(itr1, itr2) or erase(value) and reduce size
  - clear() make size 0
  - std::pair<std::set<<u>int</u>>::iterator,<u>bool</u>> insert(value), insert(itr, value) or insert(itr1, itr2)
  - std::pair<std::set<<u>int</u>>::iterator,<u>bool</u>> emplace(value)
- 7. Operator =, []

8. Special – count(key) returns 1 or 0, find(value) returns std::set<int>::iterator

- 9. F
  - 1
- 10. F
- 11. F
- 12. F
- 13. F

- 14. F Ι
- 15. F
- 16. F Ι
- 17. D
- 18. F I 19. F
- 20. F Ι
- 21. F
- 22. F Ι
- 23. F
- 1 24. F I
- 25. F
- 26. F I 27. F
- 28. D
- I 29. F
- 30. F I
- 31. F I
- 32. F
- 33. F
- 34. F
- 35. F
- Ι 36. F
- Ι 37. F

38. F

39. D

40. F

41. F I 42. F

43. F

44. F

45. F

46. F

47. F I 48. F I