Heap content after adding element 20

\_\_ROOT(20)

Heap content after removing element 20

Tree is empty.

Heap content after adding element 10

\_\_ROOT(10)

Heap content after adding element 22

\_\_ROOT(22)

|

|\_\_L(10)

Heap content after adding element 7

\_\_ROOT(22)

|

|\_\_L(10)

|

|\_\_R(7)

Heap content after adding element 13

\_\_ROOT(22)

|

|\_\_L(13)

| |

| |\_\_L(10)

|

|\_\_R(7)

Heap content after adding element 23

\_\_ROOT(23)

|

|\_\_L(22)

| |

| |\_\_L(10)

| |

| |\_\_R(13)

|

|\_\_R(7)

Heap content after adding element 100

\_\_ROOT(100)

|

|\_\_L(22)

| |

| |\_\_L(10)

| |

| |\_\_R(13)

|

|\_\_R(23)

|

|\_\_L(7)

Heap content after adding element 9

\_\_ROOT(100)

|

|\_\_L(22)

| |

| |\_\_L(10)

| |

| |\_\_R(13)

|

|\_\_R(23)

|

|\_\_L(7)

|

|\_\_R(9)

Heap content after adding element 0

\_\_ROOT(100)

|

|\_\_L(22)

| |

| |\_\_L(10)

| | |

| | |\_\_L(0)

| |

| |\_\_R(13)

|

|\_\_R(23)

|

|\_\_L(7)

|

|\_\_R(9)

Heap content after adding element 4

\_\_ROOT(100)

|

|\_\_L(22)

| |

| |\_\_L(10)

| | |

| | |\_\_L(0)

| | |

| | |\_\_R(4)

| |

| |\_\_R(13)

|

|\_\_R(23)

|

|\_\_L(7)

|

|\_\_R(9)

Heap content after adding element 8

\_\_ROOT(100)

|

|\_\_L(22)

| |

| |\_\_L(10)

| | |

| | |\_\_L(0)

| | |

| | |\_\_R(4)

| |

| |\_\_R(13)

| |

| |\_\_L(8)

|

|\_\_R(23)

|

|\_\_L(7)

|

|\_\_R(9)

Heap content after adding element 3

\_\_ROOT(100)

|

|\_\_L(22)

| |

| |\_\_L(10)

| | |

| | |\_\_L(0)

| | |

| | |\_\_R(4)

| |

| |\_\_R(13)

| |

| |\_\_L(8)

| |

| |\_\_R(3)

|

|\_\_R(23)

|

|\_\_L(7)

|

|\_\_R(9)

Heap content after removing element 100

\_\_ROOT(23)

|

|\_\_L(22)

| |

| |\_\_L(10)

| | |

| | |\_\_L(0)

| | |

| | |\_\_R(4)

| |

| |\_\_R(13)

| |

| |\_\_L(8)

|

|\_\_R(9)

|

|\_\_L(7)

|

|\_\_R(3)