Q content after adding entry: key = 20 and value = twenty

[20, twenty]

PQ content after removing highest priority element [20, twenty]

EMPTY

PQ content after removing highest priority element null

EMPTY

PQ content after adding entry: key = 10 and value = ten

[10, ten]

PQ content after adding entry: key = 22 and value = twenty two

[10, ten]

[22, twenty two]

PQ content after adding entry: key = 7 and value = seven

[7, seven]

[10, ten]

[22, twenty two]

PQ content after adding entry: key = 13 and value = thirteen

[7, seven]

[10, ten]

[13, thirteen]

[22, twenty two]

PQ content after adding entry: key = 23 and value = twenty three

[7, seven]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

PQ content after adding entry: key = 100 and value = hundred

[7, seven]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 9 and value = nine

[7, seven]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 0 and value = zero

[0, zero]

[7, seven]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 4 and value = four

[0, zero]

[4, four]

[7, seven]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 8 and value = eight

[0, zero]

[4, four]

[7, seven]

[8, eight]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 3 and value = three

[0, zero]

[3, three]

[4, four]

[7, seven]

[8, eight]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [0, zero]

[3, three]

[4, four]

[7, seven]

[8, eight]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [3, three]

[4, four]

[7, seven]

[8, eight]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [4, four]

[7, seven]

[8, eight]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 9 and value = nine

[7, seven]

[8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 0 and value = zero

[0, zero]

[7, seven]

[8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after adding entry: key = 4 and value = four

[0, zero]

[4, four]

[7, seven]

[8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [0, zero]

[4, four]

[7, seven]

[8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [4, four]

[7, seven]

[8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [7, seven]

[8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [8, eight]

[9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [9, nine]

[9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [9, nine]

[10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [10, ten]

[13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [13, thirteen]

[22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [22, twenty two]

[23, twenty three]

[100, hundred]

PQ content after removing highest priority element [23, twenty three]

[100, hundred]

PQ content after removing highest priority element [100, hundred]

EMPTY