For operation sequence
starting from Figure 6.11:

Insert {10,"g"}, {1,"h"}, {10,"i"},
{4,"j"}, {4,"k"}, followed by 3
times deleteRoot

Heap (size=6):
Keys: 9,6,8,2,5,7
Data: b,d,f,a,e,c
1: 9 [b]
   ▸   6
   ▸   8
2: 6 [d]
   ▸   2
   ▸   5
3: 8 [f]
   ▸   7

starting heap

Heap (size=7):
Keys: 10,6,9,2,5,7,8
Data: g,d,b,a,e,c,f
1: 10 [g]
   ▸   6
   ▸   9
2: 6 [d]
   ▸   2
   ▸   5
3: 9 [b]
   ▸   7
   ▸   8

Heap (size=8):
Keys: 10,6,9,2,5,7,8,1
Data: g,d,b,a,e,c,f,h
1: 10 [g]
   ▸   6
   ▸   9
2: 6 [d]
   ▸   2
   ▸   5
3: 9 [b]
   ▸   7
   ▸   8
4: 2 [a]
   ▸   1

Heap (size=9):
Keys: 10,10,9,6,5,7,8,1,2
Data: g,i,b,d,e,c,f,h,a
1: 10 [g]
   ▸   10
   ▸   9
2: 10 [i]
   ▸   6
   ▸   5
3: 9 [b]
   ▸   7
   ▸   8
4: 6 [d]
   ▸   1
   ▸   2

Heap (size=10):
Keys: 10,10,9,6,5,7,8,1,2,4
Data: g,i,b,d,e,c,f,h,a,j
1: 10 [g]
   ▸   10
   ▸   9
2: 10 [i]
   ▸   6
   ▸   5
3: 9 [b]
   ▸   7
   ▸   8
4: 6 [d]
   ▸   1
   ▸   2
5: 5 [e]
   ▸   4

Heap (size=11):
Keys: 10,10,9,6,5,7,8,1,2,4,4
Data: g,i,b,d,e,c,f,h,a,j,k
1: 10 [g]
   ▸   10
   ▸   9
2: 10 [i]
   ▸   6
   ▸   5
3: 9 [b]
   ▸   7
   ▸   8
4: 6 [d]
   ▸   1
   ▸   2
5: 5 [e]
   ▸   4
   ▸   4

10,g
Heap (size=10):
Keys: 10,6,9,4,5,7,8,1,2,4
Data: i,d,b,k,e,c,f,h,a,j
1: 10 [i]
   ▸   6
   ▸   9
2: 6 [d]
   ▸   4
   ▸   5
3: 9 [b]
   ▸   7
   ▸   8
4: 4 [k]
   ▸   1
   ▸   2
5: 5 [e]
   ▸   4

3 deletes

10,i
Heap (size=9):
Keys: 9,6,8,4,5,7,4,1,2
Data: b,d,f,k,e,c,j,h,a
1: 9 [b]
   ▸   6
   ▸   8
2: 6 [d]
   ▸   4
   ▸   5
3: 8 [f]
   ▸   7
   ▸   4
4: 4 [k]
   ▸   1
   ▸   2
9,b

Heap (size=8):
Keys: 8,6,7,4,5,2,4,1
Data: f,d,c,k,e,a,j,h
1: 8 [f]
   ▸   6
   ▸   7
2: 6 [d]
   ▸   4
   ▸   5
3: 7 [c]
   ▸   2
   ▸   4
4: 4 [k]
   ▸   1