

output3.txt

```
ListHead-->(dummy, 0, a)-->(a, 2, NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, b)-->(b, 3, NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, b)-->(b, 3, c)-->(c, 12, NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, b)-->(b, 3, d)-->(d, 10, c)-->(c, 12, NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, b)-->(b, 3, d)-->(d, 10, c)-->(c, 12, e)-->(e, 50,
NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, d)-->(d, 10, c)-->(c, 12,
e)-->(e, 50, NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, g)-->(g, 5, d)-->(d, 10,
c)-->(c, 12, e)-->(e, 50, NULL)-->NULL
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, g)-->(g, 5, d)-->(d, 10,
c)-->(c, 12, h)-->(h, 15, e)-->(e, 50, NULL)-->NULL

Node: 5(af) nextString(g) leftString(a) rightString(f)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
d)-->(d, 10, c)-->(c, 12, h)-->(h, 15, e)-->(e, 50, NULL)-->NULL

Node: 8(baf) nextString(d) leftString(b) rightString(af)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
baf)-->(baf, 8, d)-->(d, 10, c)-->(c, 12, h)-->(h, 15, e)-->(e, 50, NULL)-->NULL

Node: 13(gbaf) nextString(h) leftString(g) rightString(baf)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
baf)-->(baf, 8, d)-->(d, 10, c)-->(c, 12, gbaf)-->(gbaf, 13, h)-->(h, 15, e)-->(e,
50, NULL)-->NULL

Node: 22(dc) nextString(e) leftString(d) rightString(c)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
baf)-->(baf, 8, d)-->(d, 10, c)-->(c, 12, gbaf)-->(gbaf, 13, h)-->(h, 15, dc)-->(dc,
22, e)-->(e, 50, NULL)-->NULL

Node: 28(gbafh) nextString(e) leftString(gbaf) rightString(h)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
baf)-->(baf, 8, d)-->(d, 10, c)-->(c, 12, gbaf)-->(gbaf, 13, h)-->(h, 15, dc)-->(dc,
22, gbafh)-->(gbafh, 28, e)-->(e, 50, NULL)-->NULL

Node: 50(dcgabfh) nextString(e) leftString(dc) rightString(gbafh)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
baf)-->(baf, 8, d)-->(d, 10, c)-->(c, 12, gbaf)-->(gbaf, 13, h)-->(h, 15, dc)-->(dc,
22, gbafh)-->(gbafh, 28, dcgabfh)-->(dcgabfh, 50, e)-->(e, 50, NULL)-->NULL

Node: 100(dcgabfhe) nextString(NULL) leftString(dcgabfh) rightString(e)
ListHead-->(dummy, 0, a)-->(a, 2, f)-->(f, 3, b)-->(b, 3, af)-->(af, 5, g)-->(g, 5,
baf)-->(baf, 8, d)-->(d, 10, c)-->(c, 12, gbaf)-->(gbaf, 13, h)-->(h, 15, dc)-->(dc,
22, gbafh)-->(gbafh, 28, dcgabfh)-->(dcgabfh, 50, e)-->(e, 50,
dcgabfhe)-->(dcgabfhe, 100, NULL)-->NULL
```