

Keys: 53 46 37 34 63 74 25 66 97 76 99 8 51

Key Inserted	Height of Tree	Rotations Done	Path to Key
53	0	none	{53}
46	1	none	{53, 46}
37	1	LL(53)	{46, 37}
34	2	none	{46, 37, 34}
63	2	none	{46, 53, 63}
74	2	RR(53)	{46, 63, 74}
25	2	LL(37)	{46, 34, 25}
66	3	none	{46, 63, 74, 66}
97	3	none	{46, 63, 74, 97}
76	3	RL(63)	{46, 74, 66, 76}
99	3	RR(46)	{74, 66, 97, 99}
8	4	none	{74, 46, 34, 25, 8}
51	4	LL(63)	{74, 46, 53, 51}