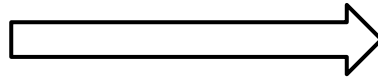p1 left getLeftParent function call as defined in parabola.h

p1 is set pLast, while p1 left -> parent = eL3 is set to par in this if eL3 -> left() = p1 left == pLast = p1 left, so the while loop is reiterated setting eL3 = pLast and par = eL3-> parent = p1,p3.

This repeats until having reached eL1 where pLast = p1, p3 and par = p1,p3 -> parent = eL1 here par-> left = root != pLast = p1,p3 so eL1 is returned since != breaks the while loop iterator condition