Prelude> head list : list

[(0,1),(0,1),(1,2)]

Prelude> head list : tail list

[(0,1),(1,2)]

Prelude> tail list

[(1,2)]

Prelude> tail list ++ list

[(1,2),(0,1),(1,2)]

Prelude> list ++ tail list

[(0,1),(1,2),(1,2)]

Prelude> tail list ++ [(1,2)]

[(1,2),(1,2)]

Prelude> tail list ++ [head list]

[(1,2),(0,1)]

then sortThrough ( (tail list1 ++ [head list1])) , (tail list2 : [(c,b)]) )

then sortThrough ( (list1:list1s), (list2s : (c,d)) )

then return (list2:list2s)