

// base case:

if (s = = "") return vertor (string) (1, "");

// Iden;

for i = 0, ... s. length - 1)

O swap sc: 3 \rightarrow s[length - 1]

O call perms (sco, ... length - 2])

O for each entry in , add

last elevent back.

Recursion tree:

Recursion dree:

Tree for Marge Sort: