

define **Handle Branch**

set gAFBranch_x ▼ to item length of glAFBranch_x ▼ of glAFBranch_x ▼

set gAFBranch_y ▼ to item length of glAFBranch_y ▼ of glAFBranch_y ▼

if <gAFBranch_x = gFred_x and gAFBranch_y = gFred_y> then

set gAFCandidate ▼ to item length of glAFBranchDirection ▼ of glAFBranchDirection ▼

delete length of glAFBranchDirection ▼ of glAFBranchDirection ▼

else

add gFred_x to glAFBranch_x ▼

add gFred_y to glAFBranch_y ▼

set gAFDirection ▼ to letter length of gAFCandidate of gAFCandidate

set gAFCopy ▼ to

repeat length of gAFCandidate - 1

set gAFCopy ▼ to join gAFCopy letter length of gAFCopy + 1 of gAFCandidate

if <gAFCopy = > then

delete length of glAFBranch_x ▼ of glAFBranch_x ▼

delete length of glAFBranch_y ▼ of glAFBranch_y ▼

else

add gAFCopy to glAFBranchDirection ▼