

 set light color 

repeat 2 times

do  follow line to next intersection or line end

 pick direction: straight

 set light color 

 follow line to next intersection or line end

 pick direction: straight

 follow line to next intersection or line end

 pick direction: right

 follow line to next intersection or line end

 pick direction: straight

 set light color 

 follow line to next intersection or line end

 pick direction: right

 follow line to next intersection or line end

 pick direction: straight

 follow line to next intersection or line end