procedure *lgc*():
    for *each reference ref in root set*:
        lgcCopy (ref);
    copyReferencesOnPrintStack();
procedure *lgcCopy(ref)*:
    if *cellType(ref) is cons*:
        if *ref is found live after referring to dfa and has not been copied*
        using reachability:
            newRef = dupHeapcell(ref);
            newCar = lgcCopy (ref.car);
            newRef.car = newCar;
            newCdr = lgcCopy (ref.cdr);
            newRef.cdr = newCdr;
        else:
            makenull(ref);
    else:
        if *cellType(ref) is closure and has not been copied*:
            newRef = rgcCopy (ref);