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

```