procedure *lgc*():
    for *each reference ref in root set*:
        lgcCopy (ref);
    copyReferencesOnPrintStack();
procedure *lgcCopy(ref)*:
    if *ref is live*:
        newRef = dupHeapCell(ref);
        if *cellType(ref) is cons*:
            newCar = lgcCopy (ref.car);
            newRef.car = newCar;
            newCdr = lgcCopy (ref.cdr);
            newRef.cdr = newCdr;
        if *cellType(ref) is closure*:
            newRef.arg1 = lgcCopy (cell.arg1);
            newRef.arg2 = lgcCopy (cell.arg2);