```
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);
```