

procedure `lgc()` :

for *each reference in root set*:

if *reference is live*: `copy(cell)`;

procedure `copy(cell)` :

if *cell is live*:

`newCell = dupHeapcell(cell)`;

if *cellType is cons*:

`newCar = copy(cell.car)`;

`newCell.car = newCar`;

`newCar = copy(cell.cdr)`;

`newCell.cdr = newCar`;

else:

if *cellType is closure*:

`newCell.arg1 = copy(cell.arg1)`;

`newCell.arg2 = copy(cell.arg2)`;

`copyReferencesOnPrintStack()`;