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