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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);

```