- 1. Exercise 2.22 on the text book.
- 2. Given the program

$$[y:=x]^1; [x:=x.cdr]^2; [y.cdr:=x.cdr]^3; [x.cdr:=y]^4;$$

Compute the result of the shape analysis  $Shape_{\bullet}$  for all program points for the above program starting from the extremal value given in Figure 2.15 on page 115 of the text book.