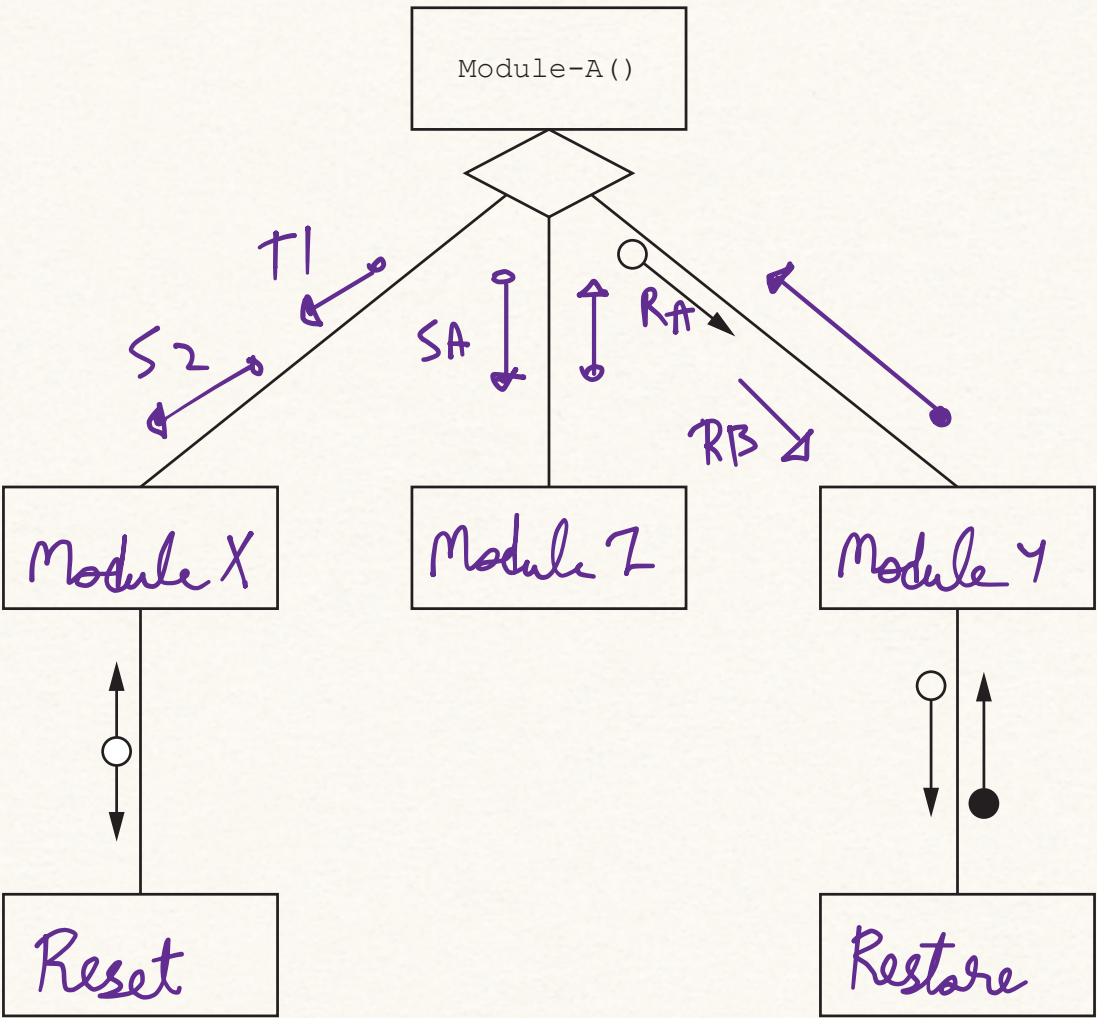


7 A program contains six modules:

Pseudocode module header
PROCEDURE Module-A()
PROCEDURE Module-X(T1 : INTEGER, S2 : REAL)
PROCEDURE Reset (BYREF Code : INTEGER)
FUNCTION Restore(OldCode : INTEGER) RETURNS BOOLEAN
FUNCTION Module-Y(RA : INTEGER, RB : BOOLEAN) RETURNS BOOLEAN
FUNCTION Module-Z(SA : INTEGER) RETURNS INTEGER

Module-X() calls Reset()
Module-Y() calls Restore()

(a) Complete the structure chart for these modules.



[4]

(b) Explain the meaning of the diamond symbol as used in the diagram in part (a).

Runtime
Means that Module A either calls X or Z

[2]