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Q1.(1) AND R, R, #0

(2) AND R3, R3, #0

(3) JSR DIV

(4) ADD R2, R0, #0

(5) ADD Ro, RI, # 0

(6) JSR PUSH

(7) P

(8) LD R4, ASCII-0

(9) JSR POP

(10) N

(11) ADD Ro. Ro, R4

(12) nzp

Q2 1) In subroutine SUBTR, it call JSR INVERT without sowing R7, which erases value of R7 to return the main program and causes infinite loop.

- 0, 2) before JSR INVERT, insert ST R7 SAVERT_SUBTR
 ofter JSR INVERT, insert LD R7 SAVERT_SUBTR
 after RET of SUBTR, insert SAVERT-SUBTR. BLKW #1
- Q3 1) False (FILO or LIFO)
 - 2) False (it uses KBSR)