

```

START    LDI      R1, S      ; Test for
          BRzp    START     ;   character input

          LDI      R0, D      ; Load from Keyboard

          RET

S        .FILL    xFE00     ; Memory-Mapped Address of KBSR
D        .FILL    xFE02     ; Memory-Mapped Address of KBDR

```

