1) Procedura care primeste in X adresa unui sir de caractere si intoarce in R20 nr. de caractere din sir aflate intre paranteze.

Ex.: "ab(cd)efg(hij)1" => 5 caractere

```
PROC:       ldi R20, 0
            ldi R17,0
PROC1:      ld R16, X+
            cpi R16,0
            breq GATA
            cpi R16, '('
            breq PARANTEZA_DESCHISA
            cpi R16, ')'
            breq PARANTEZA_INCHISA
            add R20, R17
            rjmp PROC1
GATA:       ret
PARANTEZA_DESCHISA:
            ldi R17,1
            rjmp PROC1
PARANTEZA_INCHISA:
            ldi R17,0
            rjmp PROC1
```

2) Procedura care calculeaza in bitul 0 din R17 urmatoarea expresie:

$$R16.0 \text{ AND } (R16.1 \text{ OR } R16.2)$$

```
EXPRESIE:   mov R17,R16
            lsr R17
            or R17, R16
            mov R18,R16
            lsl R18
            and R18,R17
            ldi R17,0
            andi R18, 0b00000010
            breq EXPRESIE1
            ldi R17, 0b00000001
EXPRESIE1:  ret
```