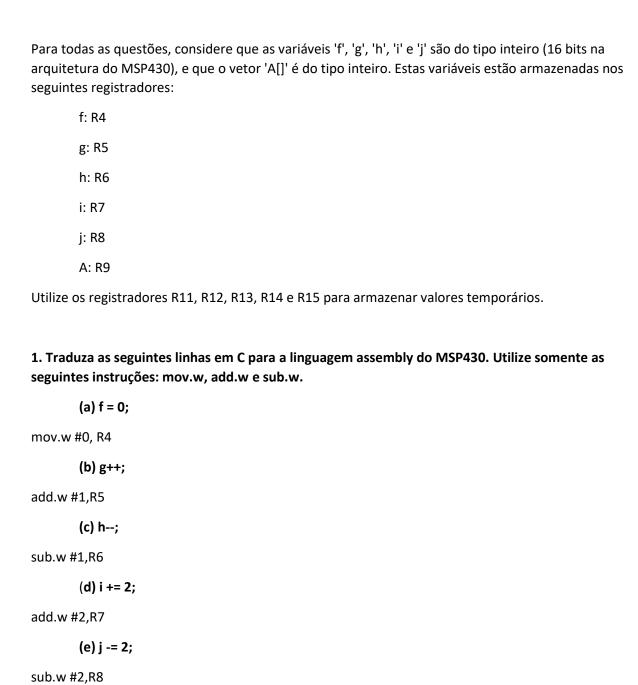
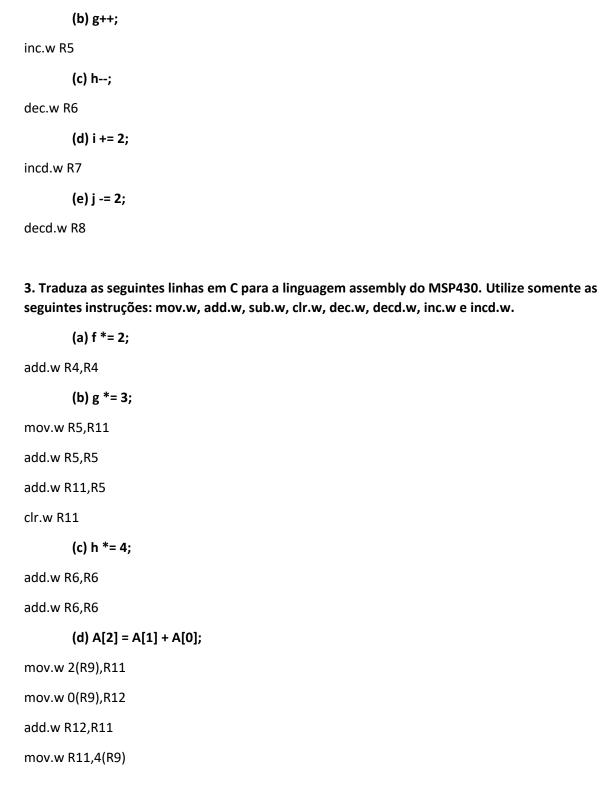
## Josiane de Sousa Alves 15/0038895



2. Traduza as seguintes linhas em C para a linguagem assembly do MSP430. Utilize somente as seguintes instruções: mov.w, add.w, sub.w, clr.w, dec.w, decd.w, inc.w e incd.w.

clr.w R4



## (e) A[3] = 2\*f - 4\*h;

mov.w R4,R11

add.w R11,R11

mov.w R6,R12

add.w R12,R12

add.w R12,R12

sub.w R12,R11

mov.w R11,6(R9)

(f) 
$$A[3] = 2*(f - 2*h);$$

mov.w R6,R11

add.w R11,R11

mov.w R4,R12

sub.w R11,R12

add.w R12,R12

mov.w R12,6(R9)