

# HW 11: Count Negative

Assignment: Write a **TOY** AL program fragment that puts the number of (**signed**) values from registers **\$A**, **\$B**, and **\$C** that are less than **0** into register **\$F**.

```
add $F, $A, $o  
lis $8, ox99, $o  
sub $o, $8, $F
```

```
bc SLT, Skip8  
add $F, $8, $o
```

```
Skip8  
sub $o, $B, $F  
bc SLT, SkipB  
add $F, $B, $o
```

```
SkipB  
sub $o, $C, $F  
bc SLT, SkipC  
add $F, $C, $o
```