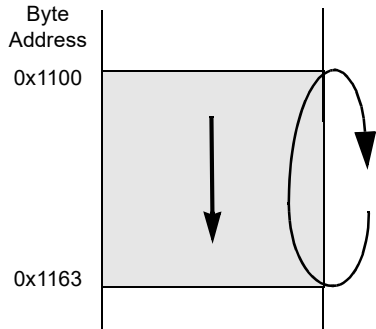




Start Addr = 0x1100
 End Addr = 0x1163
 Length = 0x0032 words

```

MOV    #0x1100, W0
MOV    W0, XMODSRT    ;set modulo start address
MOV    #0x1163, W0
MOV    W0, MODEND     ;set modulo end address
MOV    #0x8001, W0
MOV    W0, MODCON     ;enable W1, X AGU for modulo

MOV    #0x0000, W0    ;W0 holds buffer fill value

MOV    #0x1110, W1    ;point W1 to buffer

DO      AGAIN, #0x31   ;fill the 50 buffer locations
MOV     W0, [W1++]     ;fill the next location
AGAIN:  INC W0, W0     ;increment the fill value
  
```