

```
#  
# note: code below results from addmem(XXX, YY, zqz)  
#  
load  r1, xxx # load 1st arg into register 1  
load  r2, YY  # load 2nd arg into register 2  
add   r1, r2  # add register 2 to register 1  
store r3, zqz # store the result in 3rd arg
```

Figure 9.14 An example of the assembly code that results from an expansion of macro *addmem*.