

```
#
# 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 8.10 An example of the assembly code that results from an expansion of macro *addmem*.