Here is the program that generated the following code:

```c
void f(int a, int b) {
    int x;
    x = a+b;
    write(x);
}

void main(void) {
    f(3, 4);
}
```

Header.

This is included in every program.
add $0, %rsp    #deallocate local variables
ret

return from main( )

ret
#return from the function