Report Esercizio

W23-D3

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TRACCIA

Dato il seguente codice assembly, provare a ricostruire le istruzioni originali in C:

```
push    %ebp
mov     %esp,%ebp
sub     $0x8,%esp
call    80483e9 <bar>
leave
ret


push    %ebp
mov     %esp,%ebp
sub     $0x8,%esp
call    80483fb <baz>
call    8048400 <quux>
leave
ret
```

```
push    %ebp
mov     %esp,%ebp
pop     %ebp
ret


push    %ebp
mov     %esp,%ebp
mov     $0x0,%eax
movl    $0x1,(%eax)
pop     %ebp
ret


push    %ebp
mov     %esp,%ebp
and     $0xfffffff0,%esp
call    80483dc <foo>
mov     $0x0,%eax
leave
ret
```

SVOLGIMENTO ESERCIZIO

```c
void foo();

void bar();

void baz();

void quux();


void foo() {

        bar();

}


void bar() {

        baz();

        quux();

}

void baz() {

        //do nothing

}

void quux() {

        *(int*)(0) = 1;

}

Int main() {

        foo();

        return 0;

}
```