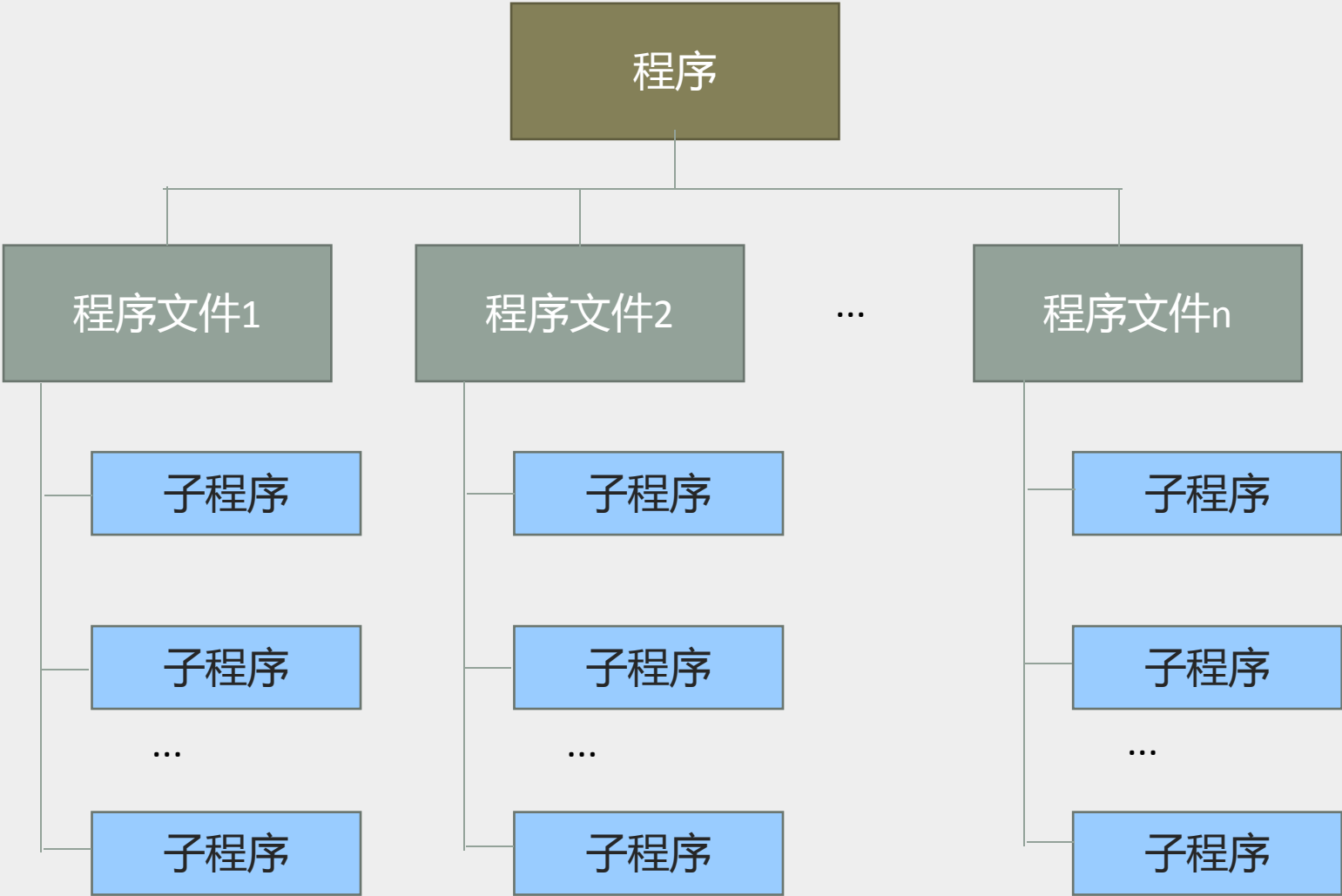# 程序的多文件组织

贺利坚　主讲

汇编语言程序设计
Assembly Language

程序的组织

多文件组织

```
assume cs:code, ss:stack
stack segment
      db  16 dup (0)
stack ends
code segment
start: mov ax,stack
      mov ss,ax
      mov sp,16
      mov ax,1000
      call far ptr s      ;调用子程序
      mov ax,4c00h
      int 21h
   s: add ax,ax    ;子程序开始
      retf         ;子程序返回
code ends
end start
```

p1.asm

```
extrn subp:far
assume cs:code, ss:stack
stack segment stack
            db  16 dup (0)
stack ends
code segment
main proc
start: mov ax,stack
       mov ss,ax
       mov sp,16
       mov ax,1000
       call far ptr subp
       mov ax,4c00h
       int 21h
main endp
code ends
end start
```

p2.asm

```
public subp
assume cs:code
code segment
subp proc
   s: add ax,ax
      retf
subp endp
code ends
end
```

```
masm p1;
masm p2;
link p1.obj+p2.obj;
```