

```
        .text
fact:
    subu    $sp,$sp,32    # Stack frame is 32 bytes long
    sw      $ra,20($sp)   # Save return address
    sw      $fp,16($sp)   # Save frame pointer
    addiu   $fp,$sp,28    # Set up frame pointer
    sw      $a0,0($fp)    # Save argument (n)
```

Unn Fig. App1-8.