```
.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.

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