

```
#include <stdio.h>
#include <unistd.h>

int main() {

    printf("hello: %d\n", getpid());
    char *chunk = (char*)malloc(10000);

    int result = execl("simple", "echo", "Moe", 0);
    if (-1 == result) {
        perror("could not exec program");
        // unallocated memory does not matter if execl
        // succeeds!
        // this code will execute when it fails
        free(chunk);
        return 1;
    }

    // essentially unreachable if C implementation done
    // correctly!

    // unallocated memory does not matter if execl
    // succeeds!
    // this code will execute when it fails
    free(chunk);

    return 0;
}
```