3. Using security libraries - stack smashing protection

Check that the stack has not been altered when a function returns

➡ If it has been altered, the program exits with a segmentation fault

✓ Verification embedded into the program by the compiler

3. Using security libraries - examples

✓ Libsafe

✓ StackGuard

✓ ProPolice (gcc patches)

✓ Microsoft's Data Execution Prevention