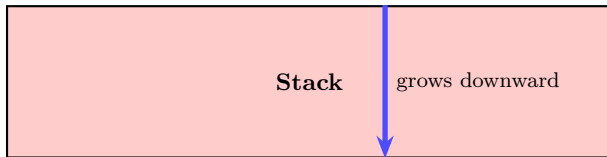
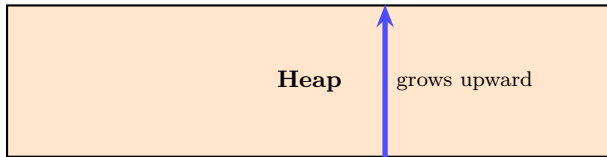


Program Memory Layout

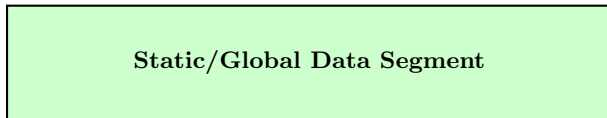
High Address



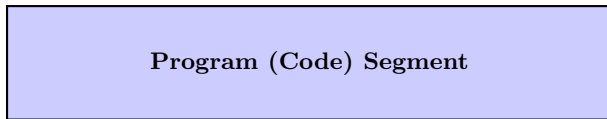
- Local variables
- Function parameters
- Return addresses
- LIFO structure



- Dynamic allocation
- malloc() / free()
- Variable size at runtime



- Global variables
- Static variables
- Lifetime: entire program



- Machine instructions
- Read-only
- Fixed size

Low Address