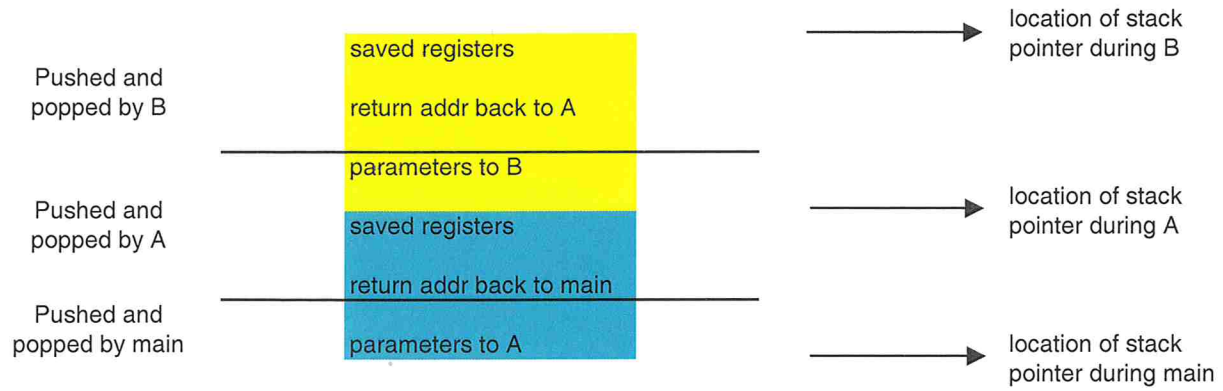


Suppose main calls A and A calls B:
Here is a glimpse of the system stack in a general case.



Yellow = what we need on the stack to support function B
Blue = what we need on the stack to support function A