

Tutorial 2

Max depth of stack in stack frames during $\text{gcd_recursion}(14, 21)$

top of stack
shadow
shadow
shadow
return address
4
shadow
shadow
shadow
shadow
return address
3
shadow
shadow
shadow
shadow
return address
2
shadow
shadow
shadow
shadow
1

$\text{gcd_recursion}(14, 21)$
 $\text{gcd_recursion}(21, 14)$
 $\text{gcd_recursion}(14, 7)$
 $\text{gcd_recursion}(7, 0)$

4 Stack Frames