Relative Address	Absolute Address	Stack Value	Description	Function Name	Notes	
BP+6h	FAFh	3000h	Function Return Address			
BP	FA9h	0	Previous Frame Address	Startup		
BP+12	FA5h	??	Return Object (int)			
BP+6	F9Fh	FA9h	Function Return Address			
BP	F99h	FA9h	Previous Frame Address	int main()		
BP-5	F94h	AB3h	Long Val			
BP+11	F8Fh	??	Return Object (long)			
BP+6	F89h	AB3h	Function Return Address			
BP	F83h	F99h	Previous Frame Address	long ready()		
BP-5	F7Eh	118h	Long res			
BP+29	F79h	??	Return Object (long)			
BP+24	F74h	84	Long x		long gcd(84, 63) -> gcd(63, 21)	21
BP+18	F6Fh	63	Long y			
BP+6	F69h	118h	Function Return Address	long gcd() Level 0		
BP	F63h	F7Eh	Previous Return Address			
BP+29	F5Eh	??	Return Object (long)			
BP+24	F59h	??	Long x = 63			
BP+18	F54h	??	Long y = 21			
BP+6	F4Eh	7C6h	Function Return Address	long gcd() level 1		
BP	F48h	F63h	Previous Return Address			
BP+29	F43h	??	Return Object (long)			
BP+24	F3Eh	??	Long x = 21			
BP+18	F39h	??	Long y = 0			
BP+6	F33h	7C6h	Function Return Address	long gcd() level 2		
BP	F2Dh	F48h	Previous Return Address			
				Long gcd(x,y) -> gcd(y, x%y)		
			int 4 bytes	Use Pascal		

				long 5 bytes	Left to Right		
				pointers 6 bytes	->		
				FAFh - F2Dh = 130 addresses			
				Type	Bits	Occurances	Sum
				Return Addresses	6	6	36
				Previous Frames	6	6	36
				Long variables	5	8	40
				Int	4	1	4
						14	116

** Note: Items in green/grey are provided by instructor. Items in darker blue are "automatic" pointing to upper previous frame address