How to use the debugger to run a program Start debugger execution (the images are for X86; similar for X64): It is used to show the execution of each instruction of a program. In addition, it can be used to show the result of an instruction or the program by displaying the value of the registers and variables. The content of the code, data, and stack segments can be displayed. press to start debugger execution after placing a stack 409reak poinstack segment - the number can be changed (the stack size) global variables Solution 'SolutionDebugger' (1 of 1 project) Important value2 word 100 m External Dependencies Header Files Resource Files de ; code segment main proc ; start of main procedure Source Files DebuggerExample.asm mov ax, value1 mov bx, value2 add ax, bx break point double invoke ExitProcess, θ ; it terminates the program execution (returning θ click to main endp ; end of main procedure (press left. end main ; this statement indicates where is the first instruction of the program and the end of file remove button break point If there is at least one then debugger of mouse to place Is activated using > the break point Solution Explorer | Git Changes Ln: 33 Ch: 1 MIXED CRLF 領 ■ 日 日 り・ Continue - 🎳 -Debugger command **∄** 🐚 • ≒ 🗐 🗗 🔑 📑 .stack 4096 the number can be change ; data segment ; global variables value1 word 1 value2 word 18 Solution 'SolutionDebugger' (1 of 1 project) ■ Events ➡ ProjectDebugger □□ References External Dependencies 100 Header Files de ; code segment main proc ; start of main procedure Resource Files ▲ Source Files mov ax, values - The debugger is waiting Summary | Events | Memory Usage | CPU Usage DebuggerExample.asm a command. add ax, bx mov sum, ax Show Events (1 of 1) Debugger is active. 100% 39 Call Stack EAX = 00C3FD40 EBX = 00870000 ECX = 00B31005 Search (Ctrl+E) EDX = 00B31005 ESI = 00B31005 EDI = 00B31005 EIP = 00B31010 ESP = 00C3FCE8 EBP = 00C3FCF4 Name ProjectDebugger.exelmain() Line 33 [Frames below may be incorrect and/or missing, no symbols loaded for. Autos Locals Registers Threads Modules Call Stack Breakpoints Exception Settings Output Ready ↑ Add to Source Control 🔺 🔟 Select Repository 🔺















