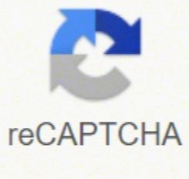




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Open

A SEKAT ESOLC, SYS TAHT ETARTSNOMED OT DEU TUB DEU TONE; XBE, XBE VOM Fltnrps Lake SNetNOCeLIF, XAE VOM H08 TNI 3, XAE VOM XAE, XBE VOM STNETNOCeLIF , XCE VOM 52 NOSSEL MORF ELIF DAER; 21, XDE VOM H08 TNI 5, XAE VOM EMANELIF, XBE VOM 42 NOSSEL MORF ELIF NEPO; 0, XCE VOM H08 TNI 4, XAE VOM XAE, XBE VOM STNETNOC, XCE VOM 32 NOSSEL MORF ELIF OT SNetnOC Etrw; 21, XDE VOM H08 TNI 8, XAE VOM Emanelif, Xbe VOM 22 NOSSEL MORF ELIF EAERC; 07770, XCE VOM: Trats, Trats, Labolu Chel, Noocs SNetnOC ELIF Erots OI Elbairav; 552 BSER SNetnOCeLIF SSB, Noits Etrw OT STNETNOC EHT; H0, '1 DLROW OLLEH BD STNETNOC ETAERC OT EMANELIF EHT; H0, 'TXT.EMDAER' BD EMANELIF ATAD, NOITCES 'MSA.SNOITCNUF' edulcnI% Esolc /.: HTIW NUR; ESOLC O. O.ESOLC 683i, fle M. dl.) Noitpo 683i, fle Eriugær Smetsys; TIB 46 (HTIW KNIL; MSA.ESOLC FLE FLE FLE MSAN; HTIW ELIPMOC; ESOLC; MSA.ESOLC .NoitcennOC Tekcos Gnimocni EHT Morf Daer or T DAER, SYS NOITCNUF LENREK EHT EHT EW ,MSAN NI KCS EHT FFO MEHT GNIPPOP SA YSAE SA YES INIL DNAMMOC EHT MORF The possibility of reusing the "I have concluded" significantly meant that someone reading the code would know that these polic blocks perform almost the same task. Nomenclature Convention The nomenclature convention used for this family of functions is exec (execute) followed by one or more of the following letters. The battery is what is called Last In First Out Memory (Lifo). Each iteration of our loop will print a line feed. Then we will add this value to EAX (the general purpose registration that will storage our result). EBX will be loaded with the file that we want to record à € à € œ "in this case stdout. The answer is left in EAX. Read.asm; To read ; Compile with: NASM -F ELF Read.asm; Link with (64-bit systems require the elf_i386 option): LD -M ELF_I386 read.O -O READ; Run with: ./Read% 'functions.asm' section .Data filename db 'readme.txt', 0h; The file name to create DB 'Hello World!'; 0h; Content to write section .BSS FileContents RESB 255.; Variable for storing file contents. Create Lesson file 22 MOV EBX, FILENAME MOV EAX, 8 INT 80H MOV EDX, 12; Record contents in the 23-mover ECX file, Content MOV EBX, EAX MOV EAX, 4 INT 80H MOV ECX, 0; Open Lesson file 24 MOV EBX, FILENAME MOV EAX, 5 INT 80H MOV EDX, 12; number of bytes to read - one for each letter from the MOV ECX file, FileContents; Move the memory address of the Variable of the file to ECX MOV EBX, EAX; Move the file descriptor open to EBX MOV EAX, 3; invoke sys_read (kernel opcode 3) int 80h; Call the Kernel MOV EAX, FILECONTENTS; Move the memory address of our file content variable to EAX to print the call sprintlf; Call the printing function string call quit; Call our 'Saida Function ~ \$ nas: f elf read.asm ~ \$ LD -M ELF_I386 READ.O -O Read ~ \$./Read olá World! Based previous read, we will use sys_close to close a properly opened file. Version 1.1 is still common today. Now we will use the "Accept" subroutine from SYS_SocketCall to inform our socket to accept these incoming requests. This function will convert the ASCII value into an integer and put the result in EAX. Mul's instruction is different from many instructions in the NASM, because it only accepts another argument. The SYS_READ opcode is then loaded in the EAX and the kernel is called to read the contents of the file in our variable and it is printed on the screen. They are reusable code pieces à €

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