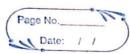
| The state of the s | |
|--|---|
| | Assignment 5 |
| , | Title: |
| | Write X86/64 bit ALP to find a). Number |
| | of blank spaces b) Number of lines |
| | c) Occurrences of a particular character. |
| | |
| 0 | Problem Statement: |
| | Write X86/64 bit ALP to Find |
| | a) No. of blank spaces, lines & charcter |
| | occurences in a text file. |
| | The text file has to be accessed during |
| | program-1 execution & write FAR |
| | procedures in program 2 for rest of |
| - | the processing. Use of global & extern |
| | directives is mandatory. |
| | ship the state of |
| 0 | Objective: |
| | To understand how to implement near |
| | ¿ far procedures. |
| | Honel str. 101 |
| • | Outcome: |
| | Students will study near & far |
| | procedures & their applications. |
| | I'm but her yours |
| 2 | Software & Hardware packages: |
| | DProcessor: Core 2 dus /13/15/17 |
| | 2) OS: Linux 32 bit 64 bit OS |
| | 3) Editorigedit |
| | 4) NASM, GDB |
| | |

| * | Theory: | |
|-----|--------------------------------|---|
| | DOpen file: | |
| 7 8 | mov rax, 2 | |
| | mor, rdi, fname | |
| | mov rsi, 2 | |
| | mov ydx, 0777 | |
| | Syscall | |
| | parent all recent all was | |
| | 2) Read file: | |
| | mor Yax, O | |
| DOW | mov rdi, (fd-in) | |
| | mov rsi, buffer | |
| | mor rdx, length | |
| | Syscall | |
| | privately provide a constraint | |
| | 3) Write file | |
| | mor rax, 01 | |
| | mor rdi, [fd-in] | |
| | mor ysi, buffer cando | |
| | mov rdx, length syscoll | |
| | | |
| | 4) close file | |
| | mov yax, 03 | |
| | mov rdi, [ft_in] | |
| | Syscall | |
| | | - |
| | | |
| | | |
| | | |



| | Date: 11 |
|---|--|
| 9 | Algorithm: 1) Start 2) Declare global procedure PI in P2 3) Set pointer to start of buffer 4) Set counter to zero 5) Compare val. at loc. with required ASCII value 6) If equal increment counter 7) Increment painter 8) Repeat until end of buffer is reached 1) Display counter 10) Return from PI 11) Stop Test Cases |
| 3 | Input Expected olp Actual olp |
| | SFILE: Lines: 4 a a a Spaces: 3 Success ab cde Occurences b abcdef of o': 5 ghi jk |
| • | Conclusion: Hence we implemented for procedure using global & extern directives. |
| | |