DATA STRUCTURE & ALGORITHMS [01.31.24] - SEND POF TO BE NOTE TAKER OFFICE HOURS BOTH IN DERSON AND ONLINE INFARMATION SURVEY DUE NEXT WEEK TEXTBOOK: ALGORITHMS 4TH EDITION LAB HOURS ARE PLEXIBLE REPORT TO STEVE.

NO NOT DO ASSIGNED HW OR CHAPTERS LAG SHOULD BE 4 HAS 5 MIN EACH WEEK ABOUT 50% ARE PROGRETAMING ASCIGNMENTS WITH THURS. FPM ARE TYPICAL DUE DATES GIVEN DIR NAME, CREATE A FOLDER/FILE AS DEFINED > "FLEXIBLE LATE DAYS" YOU GET 2! EXTLA CREDIT IF UNUSED - MUST TELL STEVE AT LEAST 15 MIN PRIOR TO DUE DATE PAPER EXAMS ARE DONE IN CLASS AND ARE CLOSED NOTES. MIDTERM IS WEEK & AND FINAL IS WEEK 16 (FINAL IS WEEK BEFORE FINALS WEEK) FIRST PROGRAM DUG FEB. 84 DOCS, TXT, PROGRAMS, DESCRIP

DSA ASSIGNMENT # 1

CREATE A POUBLY LINKED LIST HAT HOLDS

CAN HARD CODE FOR STRINGS

EAN REUSE CODE NO STU

USING LIST CLASS CREATE FUNCTIONS LIKE

TAKE ALL SOURCE CODE FILES

No SOB DIRECTORIES!

	-
REVIEW.	
· LL, S, Q, COMP & INHERITALES	
· LL, S, W. IMPORTANT SKILL TO WORK IN LINUX GIV.	
·CLI	
-Per60	
LOGIN VIA SSH	
-EMACS >>> TEXT EDITOR.	
- vim !	
- COMPILE BEUN PROGRAMS	
DUNKED LISTS: ~ GOOD FOR MAIDULATING GROOPS OF NOTH	
GOOD FOR WHIPOUTTING GODD	
1. LINKED LISTS: 4 GOOD	
- DATA STRUCT. THAT IS NON - CONTIGUOUS.	
- CONTIGUOUS 17 MEMORY UNIKE AN ARRAY	
- HOLDS REF/PTR TO OTHER PODES AND LINKS THEM	
- LINGAR ACCES NODES	
UST 085 HEND = NUI	
TAIL = NO!	
LIST OBT & LIST KNOWS	
Public: WHEN TOOS	
PUBLIC: PUBLIC: NHES TO ADD PREMOVE POSERT POSERT	
> REMOVE NOTES DO. T.	
- PRINT	
OBT LIST HAS BEF TO TECT NODES ARE	
DIST HET WAS DUT TO	
HEAD STAIL PRIVATE : MERENTET.	
HEAD MAN I PULLET.	
UNKED NODES POOGS LAN BE A CLASSISTENAT	
MAKED NOTES POORS EN OF 1x CONSTITUTE	
INSIDE UST CLASS.	
FOR C++ YOU CAN/MIGHT WANT TO USE FRIENDSHIP	
100.07-71.	
IN RECTULAR COP LINKED LIST THERE SHOULD BE 1:1	
IN REGULAR OOP LIPIES LIST THERE SHOULD BE 2:1	
(ONE NODE PER PIECE OF DATA)	
in the second se	
EVERY LIGH HAS I LIST OBJECT	ex
Too construction	
NODE 3	
REE TO PEXT	
LEF to PRO	
STEING DATA	

WORKING LINUX SERVER (UBUNTU) LTS INTERACT VIA CLI -> SIELL IS + PROGRAM POUGO USES BASH USES SECURE SHELL (SSH) CONNECTION (DEFAUT INSTALLED SSH CUENT PUTTY ON WINDOWS (LIGHTWEIGHT MAC: OPEN TERMINAL > 55 H USGENAME @ PENGO. CABRILLO. EDU FINGERPRINT > 485 PASSWORD > NEW PASSWORD COMMADS: pud - PRINT WORKING DIRECT > LIST FILES -> CHANGE DIRECTORY MEDIT - MAKE DIRECTORY (CREATE FOLDER emacs -> CODE SAVE: CTRL X - CTRLS QVIT: CTIL X - CTILC