## Name of Subject with Lode:

Data Structure Lab Examination (UCS03,808)

Examination Date: 24th November, 2021

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Semesten! III red Semesten

Section : A



white a C program to create a structure for a company who manufactures laptops. Create a reposition which consists of the following data:

Sys\_name, sys\_id, sys\_price, sys\_screensize,

sys\_colon. Now, accept data for five different laptops using Dynamic Memory Allocation and display them in a well formatted manner

# Include Kstdio. A)

# include Kstdib. A)

Struct laptop & gn + 2, 18, cm ) 4 mas

chan" sysiname;

int sysiname;

float sys-paire;

int sys\_scheensize;

chan" sys\_colon;

1;

typedet struct laptop laptop;

void main () d

laptop "ann-lap = (laptop ") mallo ((5 # size od (laptop));

for (sut i=0; ix5; i+1), d

laptop # temp-lap = (aptop = malloc (sizeof(iaptop)); pointh ("Enter the sysiname:"); seant ("9.5", temp-lap -> sycname)? painth (" Enten the sys-id:"); scanf (" ?.d", & temp-lap - sysid); printf ("Enter the seprite;"); scanf (" g.f", & temp\_lap -> sys-patie); printf ("Enter the sys-screensize:"); scanf ("").d", & temp-lap-)sys-scoreousite); prentf (" Enter the system: "); scanf ("9.8"; temp-lap > sys\_colon); annlap[1] = templap; friee (temp-lap);

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for (Int j=0; is s; j++)d

printf ("sys\_name: ". Sh, ann\_lap[j] -> sys\_name);

printf ("sys\_id: ".d\n"; ann\_lap[j] -> sys\_fd);

printf ("sys\_price: ".f\n", ann\_lap[j] -> sys\_scorresite);

printf ("sys\_scolon: ".c\n"; ann\_lap[j] -> sys\_scorresite);

printf ("sys\_colon: ".c\n"; ann\_lap[j] -> sys\_corresite);

Ontput

-> Entpa the sys\_name: lapl

paints (" \");

-> Enter the systid:

-> Enten the sys-paire: 10

-> Enten the sys-scoeensite: 100

Enten the sys-colon: med

like wise for 5 Hima

Chiradres bange

> sys-name ? lap! (Omn-Wasys-9d-mon) / 200 on a serial dates Sys-paice: 10.00 Sys-scheensite à 100 de la lange sys-colon: reed the other y mbym lomp; entries by the tool: smort set set soins Aug Aug en the sign points of a service Aurendeep Bonih

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