

Lab Task Pointers Sec A

Question 1:

Write a program that asks the user to enter characters as inputs to be stored in the variables 'a' and 'b' respectively. There are also two char pointers named ptrA and ptrB. Assign the values of 'a' and 'b' to ptrA and ptrB respectively, and display them. Print address of variables, pointers and addresses stored in the pointers.

Question 2:

Write a program which creates a dynamic integer and ask user to initialize it with a value. Print the value , address of pointer and dynamic variable. Destroy the variable.

Question 3:

Write a program to create a dynamic character array. Ask the user for the size of the array. Initialize the array using user input and print the array. Don't use indexing, only access individual elements of the array using pointer.

Question 4:

Write a program to create a 2D dynamic array. Pass the array to the function (**init()**) which initializes the array. Print the array using the function (**display()**). Delete the array using the function (**destroy()**). Don't use indexing.