

Write a C/C++ code that generates a random array which should be sorted. You can use any sorting algorithm as long as it fulfills the requirements. When sorting put some sort of delay when swapping occurs. Use the SIGINT signal to interrupt the swapping and display the current state of the array.

Write a C/C++ code that creates folder when a child process signal is generated (Folder should have special characters at the center of the name)

Explore the last code in the lab manual and replicate the code but with 2 threads.