Assignment 2

Problem Statement—
The demonstration of Jork along with zombie and orphan thatis

a) Implement c program in which main try accepts the integers to be sorted. Parent process sorts the integers using testing algo and would for child process using WAIT. cystem all to sort the integers using any sorting algo.

b) Implement c program in which main program accepts an integer array. Parent process sorts an integer a passes the sorted array to child process through cand line EXE CVE system call.

theory -

Fork call - used for creating a new process, which is all a process, which runs concurrently with the process that makes the fork() call.

Exerce call - executes the program pointed to by plenance

Dait call - blaks the calling process until one of its child process exits or a signal is received. After child process after paid system call.

Ellika Nishra ,33221 Algorithm -- Accept the integer array to be sorted. all jorky" In child process call exerce to binary search.

The parent process display all sorted away.

Vie switch case to first soil, display, fork and call binary search program.

Full. 2) Convert atting to int using atoil).
3) call bubble sort junction to look for given element by use binary careh 4) Print the found dement. S) Ent. Conclusion Successful implementation of TORK, EXECUE and WAIT
System call in a along with sombie 2 orphan
state.

Regular

Signature