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int main ()?

5td: vector/pid-t > Kids;

int ATOB[2]; //pipe 1

int BTOA[2]; 11 pipe 2

if (Pipe (ATOB) = =-1){

Cerr ("Error in creating Pipe ATOB");

if (pipe(BTOA) = = -1) { Cerr ("Irror in creating pipe BTOA");

ehild1 = fork(); // forking if (child1 = = -1)?

(err ("Error in creating Process for Prog A");

if (child1 = = 0) { Il Program A

dup2 (ATOB[I], STDOUT FILENO);

dup 2 (BTOAFOJ, STDIN FILENO); close (ATOB(O));

close (ATOB(i)); dose (BTOA[0]);

dose (BTOA[1]):

exec (A) 11 Start Program A cerr ("Error in Starting program A");

deturn1;

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Kids push (child1); 11 fooling child2 = fork(); if Cchild 2 = = -1) { cert "broom in creating Process for Program B); return 1; if (child2 == 0) { 11 program B dup2 (ATOBEOJ, STOIN FILENO); dup2 (BTOACIT, STDOUT FILENO); close (ATOB(O)): close (ATOB(IJ); close (BTOACO); close (BTOA[17); exec(B); //stourt program B Cerr ("Irror in Starting Program B"); return 1; Kids. push (child2); Il dossing all ends of pipes close (ATOB [0]); Lose (ATOB [i]); Use (BTOA [O]) dose (BTOALIJ); 11 waiting int waitStatus; wait (& wait status); for (kid : kids) { int status; Kill (Kid, StGT GRm); Waitpid (Kid, & status, 0);

11 sending signal.

Teacher's Sign

