Readme

Input
No Input needs to be given

Output
Here we are going to print the 5 strings and then their indexes and then print the highest index of the string among those 5 and repeat this until all 50 strings are printed

Resources and primitives used:

In main file:
fork() and execv() is used

In p1.c file:
Character 2d array and int variables and timespan variables etc.

In p2.c file:
Character 2d array and int variables and timespan variables etc.

Description on How it works:
Firstly the main file makes 2 processes using fork and then one process execute p1 and other p2 side by side

Now in p1 firstly 3 fifo pipes got created and then array of 50 strings get generated randomly using srand() and rand() functions and then we print all 50 strings we generated
Then we started the time using gettijme() function in c and then while loop got initiated until all 50 strings go to p2 process here in 1 loop 5 strings starting from the 0 index got written down on the fifo pipe and testfile1 and it got readed in the p2 process and also 5 indexes of those 5 stings got written down on the testfile2 and got readed in p2 then process p2 writes the highest index they have received and then write on the testfile3 and got readed in the process p1 in the loop then we print the index we received from the process p2 and then update value of I to index received + 1 and again loop starts on the end we print the time it took to send all the 50 strings from the p1 to p2.