

Use of fork(), exec() and wait() commands

Create a file named file2.txt. The file contains the following lines:

Child1 reads this line

Child2 reads this line

Child3 reads this line

Child3 reads this line

Write a C program file1.c that creates four children. After forking, the parent process goes into wait state and waits for the children to finish their execution. Each child process reads a line from the file file2.txt (child1 reads line1, child2 reads line2, child3 reads line3, child4 reads line4) and each prints the respective line. The lines can be printed in any order.