#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

#include <string.h>

#include <sys/types.h>

#include <sys/wait.h>

int main()

{

pid\_t id;

char str[20];

int x,fd[2];

printf("\nEnter a string : ");

scanf("%s",str);

int l = strlen(str);

x = pipe(fd);

id = fork();

if(id<0)

{

exit(l);

}

else if(id > 0)

{

printf("\nParent process");

printf("\nEnter the string to write : ");

scanf("%s",str);

write(fd[1],str,l);

}

else

{

printf("Child process");

read(fd[0],str,l);

printf("\nThe message received from parent is : %s",str);

}

return 0;

}

OUTPUT

Enter a string : hello

Parent process

Enter the string to write : world

Child process

The message received from parent is : world