Operációs Rendszerek BSc

8.Gyak

2021.04.07

Készítette:

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Mérnökinformatikus

GVVASJ

2.Feladat

```
#include <stdio.h>
#include <unistd.h>

int main()
{
   int fd[2];
   int child;
   if(pipe(fd)){
      perror("pipe");
      return 1;
   }
   child=fork();

   if(child>0){
      char s[1024];
      close(fd[1]);
      read(fd[0], s, sizeof(s));
      printf(" %s ", s);

      close(fd[0]);
   }
   else if(child==0){
      close(fd[0]);
      write(fd[1], "GVVASJ!\n" , 12);
      close(fd[1]);
   }

}
```

1.Feladat

```
#include <stdio.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <fcntl.h>
int main()
{
   int child;

   mkfifo("GVVASJ", S_IRUSR | S_IWUSR);
   child=fork();
   if(child>0){
      char s[1024];
      int fd;

      fd=open("GVVASJ", O_RDONLY);
      read(fd, s, sizeof(s));
      printf(" %s ", s);

      close(fd);
      unlink("GVVASJ");
   }
   else if(child == 0){
      int fd;

      fd=open("GVVASJ", O_WRONLY);
      write(fd, "GVVASJ!\n", 12);
      close(fd);
   }

}
```