

Operációs Rendszerek BSc

8.Gyak

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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, "KK WIQPM2!\n", 12);
        close(fd);
    }
}
```