

Operációs Rendszerek BSc

8.Gyak

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Készítette:

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Mérnökinformatikus

GVVASJ

2.Feladat

Futási eredmény:

```
GVVASJ!  
Process returned 0 (0x0)   execution time : 0.006 s  
Press ENTER to continue.  
█
```

Programkód:

```
#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 named.c

Futási eredmény:

```
GVVASJ!  
  
Process returned 0 (0x0)   execution time : 0.009 s  
Press ENTER to continue.  
█
```

Programkód:

```
#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);
}
}
```