

```
#include <stdio.h>

int main(void) {

    char command[100];
    printf("Enter a Unix command(date,pwd,who):");
    scanf("%s", command);

    system(command);

    return 0;
}
```

```
/cygdrive/d/Egyetem/cprogramming/OSgyak1.2
Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.2
$ gcc main.c

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.2
$ ./a
Enter a Unix command(date,pwd,who):date
Wed Mar 10 16:14:50 CET 2021

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.2
$ |
```

```
1  #include <unistd.h>
2  #include <stdlib.h>
3  #include <stdio.h>
4  #include <sys/types.h>
5  #include <sys/wait.h>
6
7  int main (void) {
8      pid_t pid;
9
10     if ((pid = fork()) < 0){
11         perror("process error");
12     }else if (pid == 0){
13         if(execl("./child", "child", (char *) NULL) < 0){
14             perror("execl error");
15         }
16     }
17     if (waitpid(pid, NULL, 0) < 0){
18         perror("wait error");
19     }
20     return 0;
21 }
22
```

```
/cygdrive/d/Egyetem/cprogramming/OSgyak1.3
Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.3
$ gcc parent.c -o a.out

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.3
$ ./a
execl error: No such file or directory
wait error: No child processes

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.3
$ gcc child.c

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.3
$ ./a
QVTQ08:Bartok-Balogh Gabor
QVTQ08:Bartok-Balogh Gabor
QVTQ08:Bartok-Balogh Gabor
QVTQ08:Bartok-Balogh Gabor
QVTQ08:Bartok-Balogh Gabor
```

thers

Search results X Cccc X Build log X Build messages X

Time Message

```
/cygdrive/d/egyetem/cprogramming/osgyak1.4
Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming
$ cd osgyak1.4

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/osgyak1.4
$ gcc QVTQ08gyak4.c

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/osgyak1.4
$ ./a
a fo hivo folyamat ID-je, pid = 1740
a gyermek folyamat, pid = 1840
a szulo folyamat, pid = 1839
a gyermek folyamat szuloje, pid = 1839
total 514
-rwxrwx---+ 1 Gábor Nincs 1062 Mar 13 14:47 OSgyak1.4.cbp
-rwxrwx---+ 1 Gábor Nincs 169 Mar 13 14:57 child.c
-rwxrwxr-x+ 1 Gábor Nincs 159767 Mar 13 14:57 child.exe
-rwxrwx---+ 1 Gábor Nincs 355 Mar 13 15:09 OSgyak1.4.layout
-rwxrwxr-x+ 1 Gábor Nincs 162138 Mar 16 10:04 parent.exe
-rwxrwx---+ 1 Gábor Nincs 2062 Mar 16 10:06 QVTQ08gyak4.c
-rwxrwxr-x+ 1 Gábor Nincs 162138 May 9 16:17 a.exe
a program vagrehajtasa befejezodott

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/osgyak1.4
$

/cygdrive/d/egyetem/cprogramming/OSgyak5
Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/OSgyak5
$ gcc QVTQ08gyak5.c

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/OSgyak5
$ ./a
Normal visszateresi ertek = 7
Abnormal visszateresi ertek = 6

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/OSgyak5
$
```

```
/cygdrive/d/egyetem/cprogramming/osgyak1.0

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/osgyak1.0
$ gcc QVTQ08gyak1.c

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/osgyak1.0
$ ./a
OSgyak1.0.cbp OSgyak1.0.layout QVTQ08gyak1.c a.exe
0
1
2
3
4
sh: repa: command not found
Hibas befejezodes, visszaadott ertek = 0

Gábor@DESKTOP-1H3MT6K /cygdrive/d/egyetem/cprogramming/osgyak1.0
$
```