

```

5
6 int main(void){
7
8
9     int    status;
10
11     if ( (status = system("date")) < 0)
12         perror("system() error");
13
14     if (WIFEXITED(status))
15         printf("Normalis befejezodes, visszaadott ertek = %d\n", WEXITSTATUS(status));
16
17     exit(0);
18
19 }
20
21

```

```

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

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak
$ ./a
Wed Mar 10 16:06:38 CET 2021
Normalis befejezodes, visszaadott ertek = 0

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak
$

```

```

3
4 int main()
5 {
6     int    status;
7
8     if ( (status = system("hibas")) < 0)
9         perror("system() error");
10
11     if (WIFEXITED(status))
12         printf("Hibas befejezodes, visszaadott ertek = %d\n", WEXITSTATUS(status));
13
14     exit(0);
15     return 0;
16 }
17

```

```

/cygdrive/d/Egyetem/cprogramming/OSgyak1.0
Normalis befejezodes, visszaadott ertek = 0

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak
$ cd d:/

Gábor@DESKTOP-1H3MT6K /cygdrive/d
$ cd Egyetem

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem
$ cd cprogramming

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming
$ cd OSgyak1.0

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.0
$ gcc main.c

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.0
$ ./a
sh: hibas: command not found
Hibas befejezodes, visszaadott ertek = 127

Gábor@DESKTOP-1H3MT6K /cygdrive/d/Egyetem/cprogramming/OSgyak1.0
$

```

ch results	Cccc	Build log	Build message
Line	Message		

```
#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
```

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Time Message