```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#include <sys/types.h>
#include <sys/wait.h>

#include <unistd.h>

int system(const char *command);

int main()
{
    pid_t pid;
        pid = fork();

    char cmdArray[32];
    int status;

    if(pid == 0)
    {
        strcpy(cmdArray, "ls -l");
        system(cmdArray);
    }

    waitpid(pid, &status, 0);
    if(WIFEXITED(status) == 1)
    {
        _exit(WEXITSTATUS(status));
    }

    return 0;
}
```

teszt2

```
total 8
drwxr-xr-x 3 mint mint   60 May  2 19:18 bin
-rw-r--r-- 1 mint mint  457 May  2 20:07 main.c
drwxr-xr-x 3 mint mint   60 May  2 19:18 obj
-rw-rw-r-- 1 mint mint 1004 May  2 19:18 teszt2.cbp

Process returned 0 (0x0)   execution time : 0.014 s
Press ENTER to continue.
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#include <sys/types.h>
#include <sys/wait.h>

#include <unistd.h>

int system(const char *command);

int main()
{
    char gets(char* strptr);
    char strArray[64];
    gets(strArray);

    char cmdArray[32];
    strcpy(cmdArray, strArray);
    system(cmdArray);

    return 0;
}
```

```
teszt2

Process returned 0 (0x0)   execution time : 19.959 s
Press ENTER to continue.
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/wait.h>
#include <sys/types.h>

int main()
{
    int i = 0;
    for( i = 0; i < 5; i++ )
    {
        printf("Kato Andras\n");
        printf("S7KTW0\n");
    }

    return 0;
}
```

main.c ⊠

child.c

```
Kato Andras
S7KTW0
Kato Andras
S7KTW0
Kato Andras
S7KTW0
Kato Andras
S7KTW0
Kato Andras
S7KTW0

Process returned 0 (0x0)   execution time : 0,008 s
Press ENTER to continue.
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/wait.h>
#include <sys/types.h>

int main()
{
    pid_t pidnum;
    pidnum = fork();
    if(pidnum == 0)
        {
            execl("./child.out", "child", NULL);
        }
    else
        {
            perror("Non-parent process.");
        }

    return 0;
}
```

```
                              parent
Non-parent process.: Success

Process returned 0 (0x0)    execution time : 0.007 s
Press ENTER to continue.
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/wait.h>
#include <sys/types.h>

int main()
{
    pid_t pidnum;
    pidnum = fork();
    if(pidnum == 0)
        {
            execlp("date", "child", NULL);
        }
    else
        {
            printf("Non-parent process.");
        }
    return 0;
}
```

main.c ⊠

Osszegzes

```
Non-parent process.
Process returned 0 (0x0)   execution time : 0,006 s
Press ENTER to continue.
Sun May  2 20:13:47 UTC 2021
```

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main.c

```c
 8  {
 9
10      int status;
11      pid_t pid;
12      if ((pid = fork()) == -1)
13      {
14          perror("Hiba");
15      }
16      else if ((status = execl("/bin/ls", "ls", "-la", NULL)) < 0
17      {
18          perror("system() error");
19      }
20      if (WIFEXITED(status))
21      {
22          printf("Normális befejezõdés, visszaadott érték = %d\n", WEXITSTATUS(status));
23      }
24
25
26
27      if ((pid = fork()) == -1)
28      {
29          perror("Hiba");
30      }
31      else if ( (status = system("alma")) < 0)
32      {
33          perror("system() error");
34      }
35      if (WIFEXITED(status))
36      {
37      printf("Nem normális befejezõdés, visszaadott érték = %d\n", WEXITSTATUS(status));
38      }
39
40      else
41      {
42          waitpid(pid,0,0);
43          printf("\nA gyermek processz befejezte a futását!\n");
44      }
45      return 0;
46  }
47
```

Management

Projects

Workspace
  Egyesitett
    Sources
      main.c

Egyesitett

```
total 8
drwxr-xr-x 4 mint mint  120 May  2 20:14 .
drwxr-xr-x 8 mint mint  180 May  2 20:14 ..
-rw-rw-r-- 1 mint mint 1016 May  2 20:14 Egyesitett.cbp
drwxr-xr-x 3 mint mint   60 May  2 20:14 bin
-rw-r--r-- 1 mint mint  878 May  2 20:14 main.c
drwxr-xr-x 3 mint mint   60 May  2 20:14 obj

Process returned 0 (0x0)   execution time : 0,009 s
Press ENTER to continue.
total 8
drwxr-xr-x 4 mint mint  120 May  2 20:14 .
drwxr-xr-x 8 mint mint  180 May  2 20:14 ..
-rw-rw-r-- 1 mint mint 1016 May  2 20:14 Egyesitett.cbp
drwxr-xr-x 3 mint mint   60 May  2 20:14 bin
-rw-r--r-- 1 mint mint  878 May  2 20:14 main.c
drwxr-xr-x 3 mint mint   60 May  2 20:14 obj
```

Logs & others

/home/mint/Desktop/Egyesi...   C/C++   Unix (LF)   UTF-8   Line 46, Col 2, Pos 877   Insert   Read/Wri... default   20:15