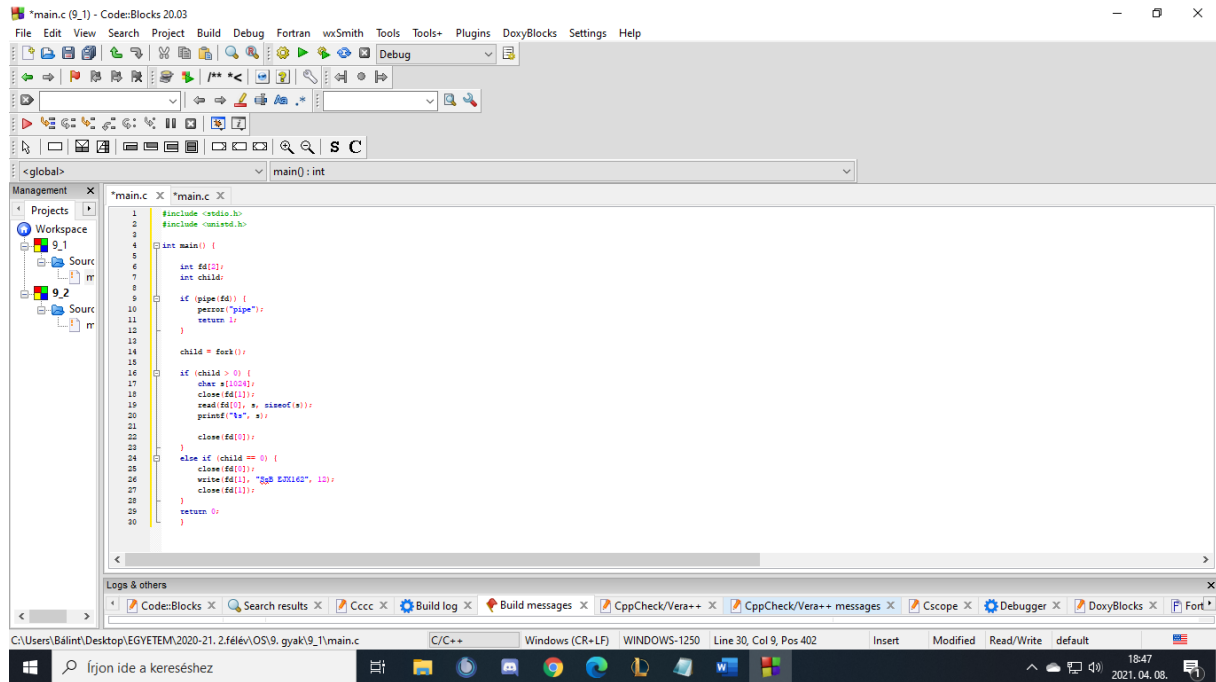


Operációs rendszerek Bsc

7.gyak
2021.03.24

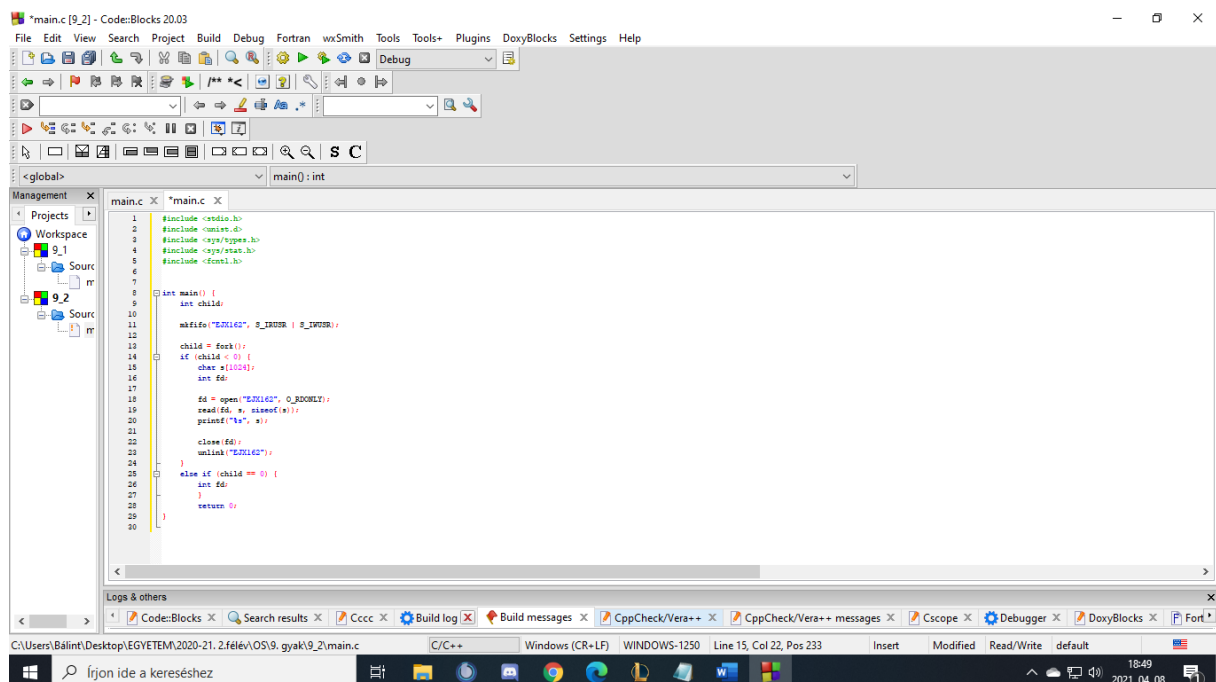
Készítette:
Szabó Bálint Bsc
Programtervező informatikus
EJX162

1. feladat



```
1 #include <stdio.h>
2 #include <unistd.h>
3
4 int main() {
5     int fd[2];
6     int child;
7
8     if (pipe(fd) != 0) {
9         perror("pipe");
10        return 1;
11    }
12
13    child = fork();
14
15    if (child > 0) {
16        char s[1024];
17        close(fd[1]);
18        read(fd[0], s, sizeof(s));
19        printf("Is: %s", s);
20        close(fd[0]);
21    }
22    else if (child == 0) {
23        close(fd[0]);
24        write(fd[1], "Szabó EJX162", 12);
25        close(fd[1]);
26    }
27    return 0;
28 }
```

2. feladat



```
1 #include <stdio.h>
2 #include <unistd.h>
3 #include <sys/types.h>
4 #include <sys/stat.h>
5 #include <fcntl.h>
6
7 int main() {
8     int child;
9
10    mkdir("EJX162", S_IRUSR | S_IWUSR);
11
12    child = fork();
13
14    if (child < 0) {
15        perror("fork");
16        return 1;
17    }
18
19    fd = open("EJX162", O_RDONLY);
20    read(fd, s, sizeof(s));
21    printf("Is: %s", s);
22    close(fd);
23    unlink("EJX162");
24
25    else if (child == 0) {
26        int fd;
27        fd = open("EJX162", O_WRONLY);
28        write(fd, "Szabó EJX162", 12);
29        close(fd);
30    }
31    return 0;
32 }
```

