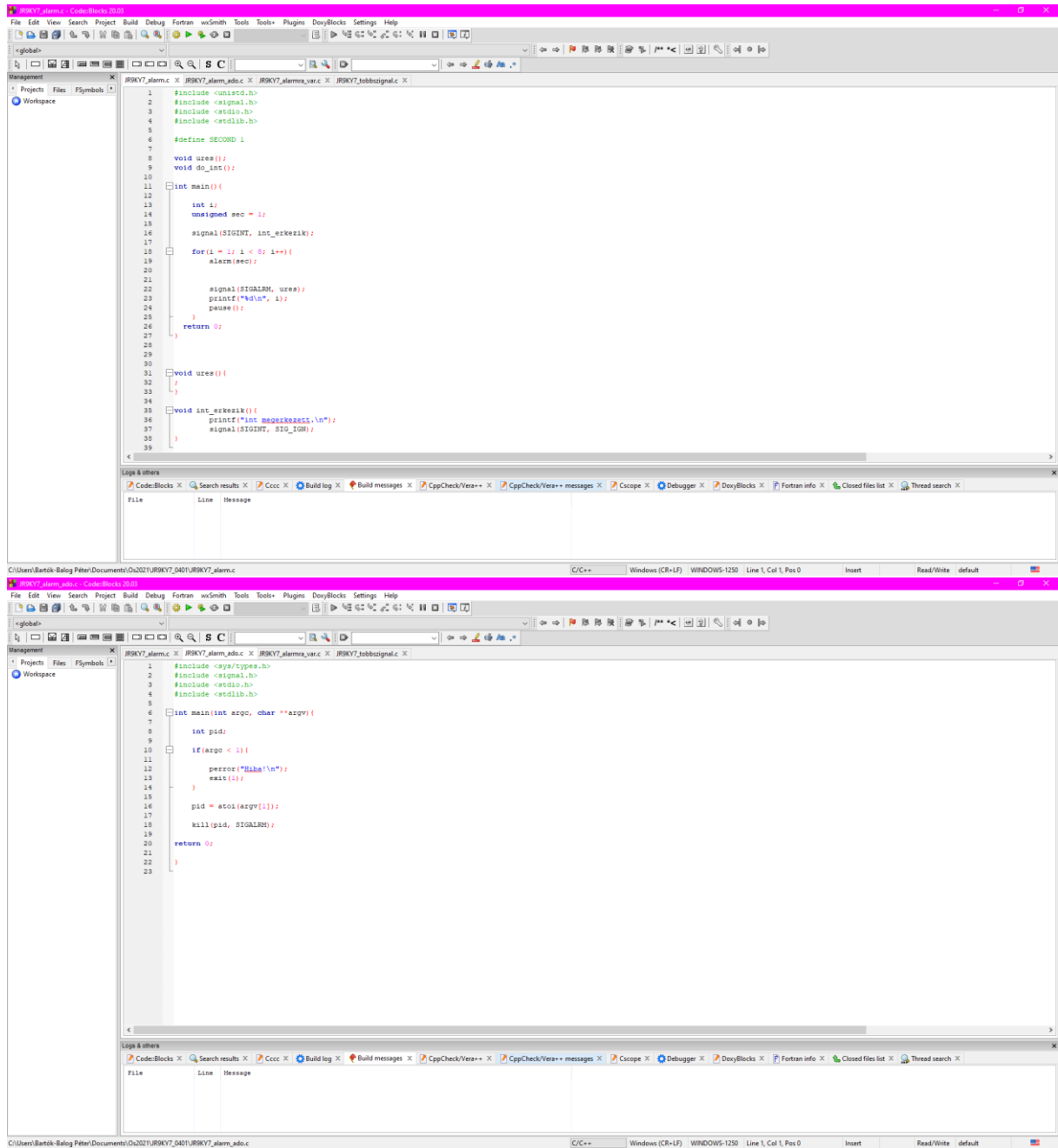


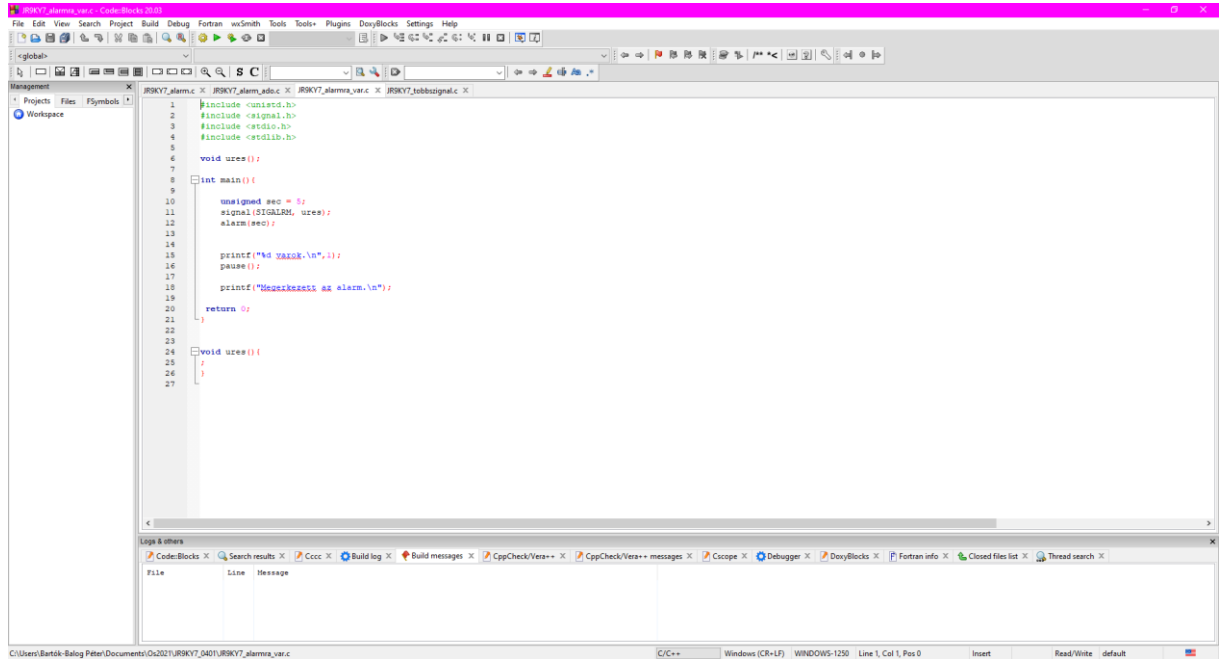
# 1. feladat: Alarm.c 7-szer ismétlődő alarm Illetve, pause a beállított értékig



```
1 #include <unistd.h>
2 #include <signal.h>
3 #include <stdio.h>
4 #include <stdlib.h>
5
6 #define SECOND 1
7
8 void ures();
9 void do_int();
10
11 int main() {
12     int i;
13     unsigned sec = 1;
14     signal(SIGINT, int_ekvezik);
15     for(i = 1; i < 8; i++) {
16         alarm(sec);
17         signal(SIGALRM, ures);
18         printf("%d\n", i);
19         pause();
20     }
21     return 0;
22 }
23
24 void ures() {
25 }
26
27 void int_ekvezik() {
28     printf("int_ekvezik\n");
29     signal(SIGINT, SIG_IGN);
30 }
```

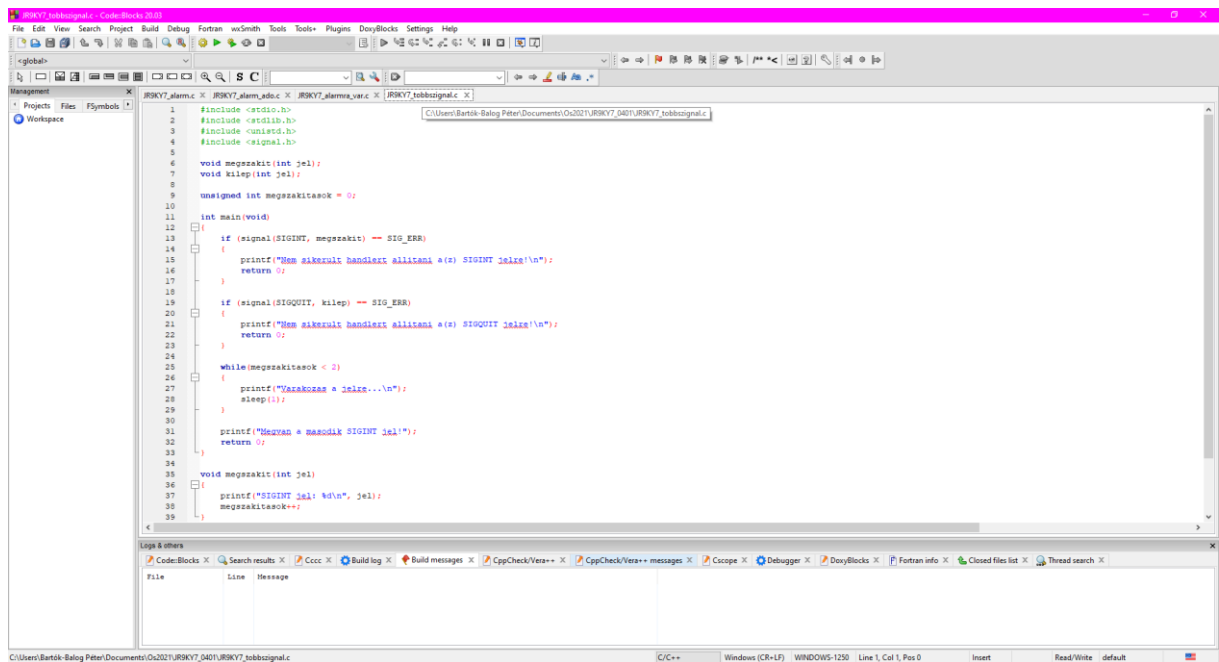
```
1 #include <sys/types.h>
2 #include <signal.h>
3 #include <stdio.h>
4 #include <stdlib.h>
5
6 int main(int argc, char **argv) {
7     int pid;
8     if(argc < 2) {
9         perror("Hiba\n");
10         exit(1);
11     }
12     pid = atoi(argv[1]);
13     kill(pid, SIGALRM);
14     return 0;
15 }
```

## Az alarm program a beállított értékig vár



```
1 #include <unistd.h>
2 #include <signal.h>
3 #include <stdio.h>
4 #include <stdlib.h>
5
6 void ures();
7
8 int main() {
9     unsigned sec = 5;
10    signal(SIGALRM, ures);
11    alarm(sec);
12
13    printf("5d varasik\n");
14    pause();
15    printf("Megszekeszti az alarm.\n");
16    return 0;
17
18 void ures() {
19
20 }
```

## 2. feladat:



```
1 #include <stdio.h>
2 #include <unistd.h>
3 #include <signal.h>
4
5 void megezekasok(int jel);
6 void killp(int jel);
7
8 unsigned int megezekasok = 0;
9
10 int main(void) {
11     if (signal(SIGINT, megezekasok) == SIG_ERR) {
12         printf("Hoz sikeresen elittani a SIGINT jelre\n");
13         return 0;
14     }
15     if (signal(SIGQUIT, killp) == SIG_ERR) {
16         printf("Hoz sikeresen elittani a SIGQUIT jelre\n");
17         return 0;
18     }
19     while (megezekasok < 2) {
20         printf("Varasok a jelre...\n");
21         sleep(1);
22     }
23     printf("Hozvan a masodik SIGINT jel\n");
24     return 0;
25
26 void megezekasok(int jel) {
27     printf("SIGINT jel: %d\n", jel);
28     megezekasok++;
29 }
```