

1. Feladat:

RR nélküli tábla : p_user = 60 !

p_user =60	RR nincs	A process		B process		C process		D process		Reschedule	
	Clock tick	p_uspri	p_cpu	p_uspri	p_cpu	p_uspri	p_cpu	p_uspri	p_cpu	running before	running after
	Starting pont	60	0	60	0	60	0	60	0		
	1	60	1	60	0	60	0	60	0	A	A
	2	60	2	60	0	60	0	60	0	A	A
	99	60	99	60	0	60	0	60	0	A	A
	100	73	50	60	1	60	0	60	0	A	B
	101	73	50	60	2	60	0	60	0	B	B
	199	73	50	60	99	60	0	60	0	B	B
	200	66	25	73	50	60	1	60	0	B	C
	201	66	25	73	50	60	2	60	0	C	C

RR használó tábla:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	p_user =60	RR van	A process		B process		C process		D process		Reschedule					
2		Clock tick	p_uspri	p_cpu	p_uspri	p_cpu	p_uspri	p_cpu	p_uspri	p_cpu	running before	running after				
3		Starting pont	60	0	60	0	60	0	60	0						
4																
5																
6																
7	1		60	1	60	0	60	0	60	0	A	A				
8																
9	9		60	9	60	0	60	0	60	0	A	A				
10	10		75	5	60	0	60	0	60	0	A	B				
11	11		75	5	60	1	60	0	60	0	B	B				
12																
13	19		75	5	60	9	60	0	60	0	B	B				
14	20		61	3	75	5	60	0	60	0	B	C				
15	21		61	3	75	5	60	1	60	0	C	C				
16	29		61	3	75	5	60	9	60	0	C	C				
17	30		61	2	61	3	60	9	60	0	C	D				
18	31		61	2	61	3	75	5	60	1	D	D				
19	39		61	2	61	3	75	5	60	9	D	D				
20																
21	40		60	1	61	2	61	3	75	5	D	A				
22	41		60	1	61	2	61	3	75	5	A	A				
23	49		60	9	61	2	61	3	75	5	A	A				
24																
25	50		75	5	61	2	61	2	61	3	A	B				
26	51		75	5	61	3	61	2	61	3	B	B				
27	59		75	5	61	11	61	2	61	3	B	B				
28																
29	60		61	3	63	6	61	2	61	2	B	C				
30	61		61	3	63	6	61	3	61	2	C	C				
31	69		61	3	63	6	61	11	61	2	C	C				
32																
33	70		61	2	61	3	63	6	61	2	C	D				
34	71		61	2	61	3	63	6	61	3	D	D				
35	79		61	2	61	3	63	6	61	11	D	D				
36																
37	80		60	1	61	2	61	3	63	6	D	A				
38																
39																
40																

2. Feladat:

The screenshot shows the Code::Blocks IDE with a C program named `NXYCH1_openclose.c` and its execution output in a console window.

Source Code (NXYCH1_openclose.c):

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 #include <sys/types.h>
5 #include <sys/stat.h>
6 #include <fcntl.h>
7
8 #define FAJL "NXYCH1.txt"
9
10
11
12 int main(void)
13 {
14     int fileHandle = open(FAJL, O_RDONLY);
15     if(fileHandle == -1)
16     {
17         printf("Nem tudom megnyitni a fajt!\n");
18         return 1;
19     } else printf("Sikerult megnyitni a(z) %s fajt!\n", FAJL);
20
21     char tartalom[64];
22     int olvasott = read(fileHandle, tartalom, 64);
23
24     printf("Beolvasott tartalom: ");
25     for(int i = 0; i < olvasott; i++) printf("%c", tartalom[i]);
26     printf("\n");
27     lseek(fileHandle, 0, SEEK_END);
28     int irtuk = write(fileHandle, "Rendszerhivassal iras fajlba", 25);
29     printf("A fajl elejere allitottuk a mutatot\n");
30     printf("A fajlba irtuk a(z) %s szoveget. osszesen %d byte.\n", "Rendszerhivassal iras fajlba", 25);
31     close(fileHandle);
32     return 0;
33 }
```

Execution Output (Console):

```
Sikerult megnyitni a(z) "NXYCH1.txt" fajt!
Beolvasott tartalom: "██" osszesen "56" byte.
A fajl elejere allitottuk a mutatot
A fajlba irtuk a(z) "Rendszerhivassal iras fajlba" szoveget. osszesen "-1" byte.
Process returned 0 (0x0)   execution time : 0.013 s
Press any key to continue.
```

Logs & others:

```
Checking for existence: D:\sql3\NXYCH1openclose\NXYCH1_openclose.exe
Executing: "D:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "D:\sql3\NXYCH1openclose\NXYCH1_openclose.exe" (in 'D:\sql3\NXYCH1openclose')
```