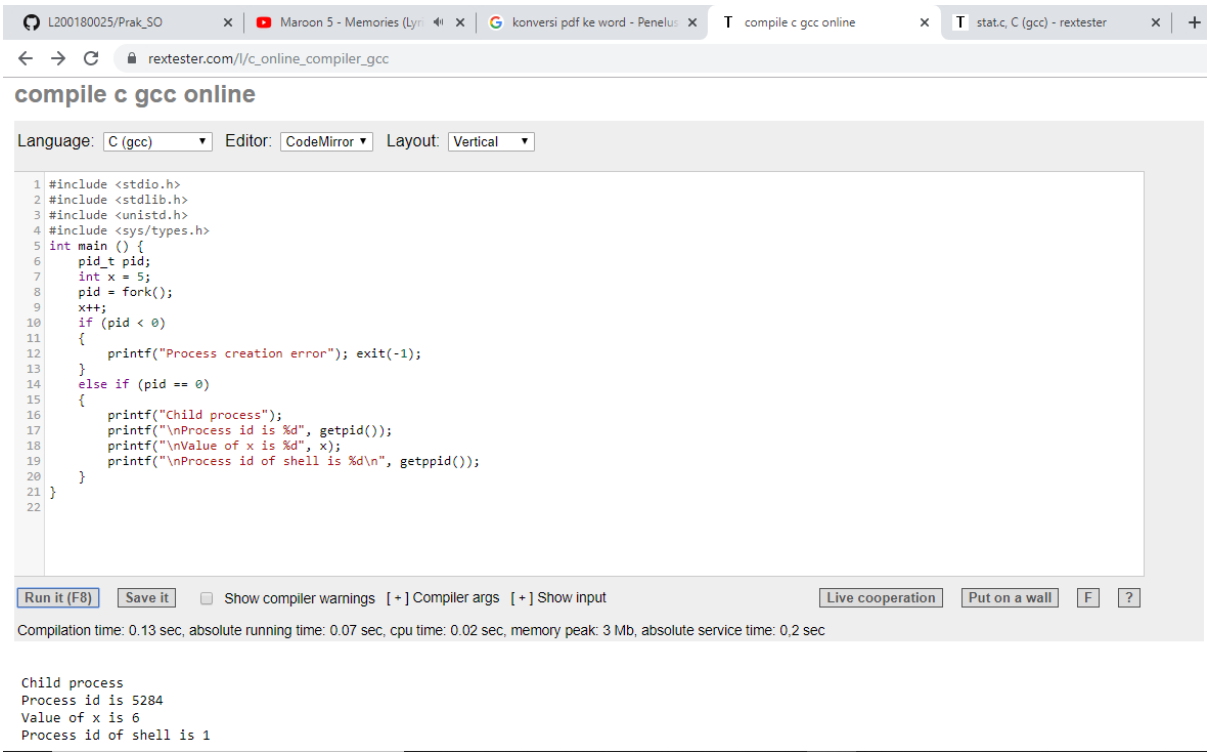
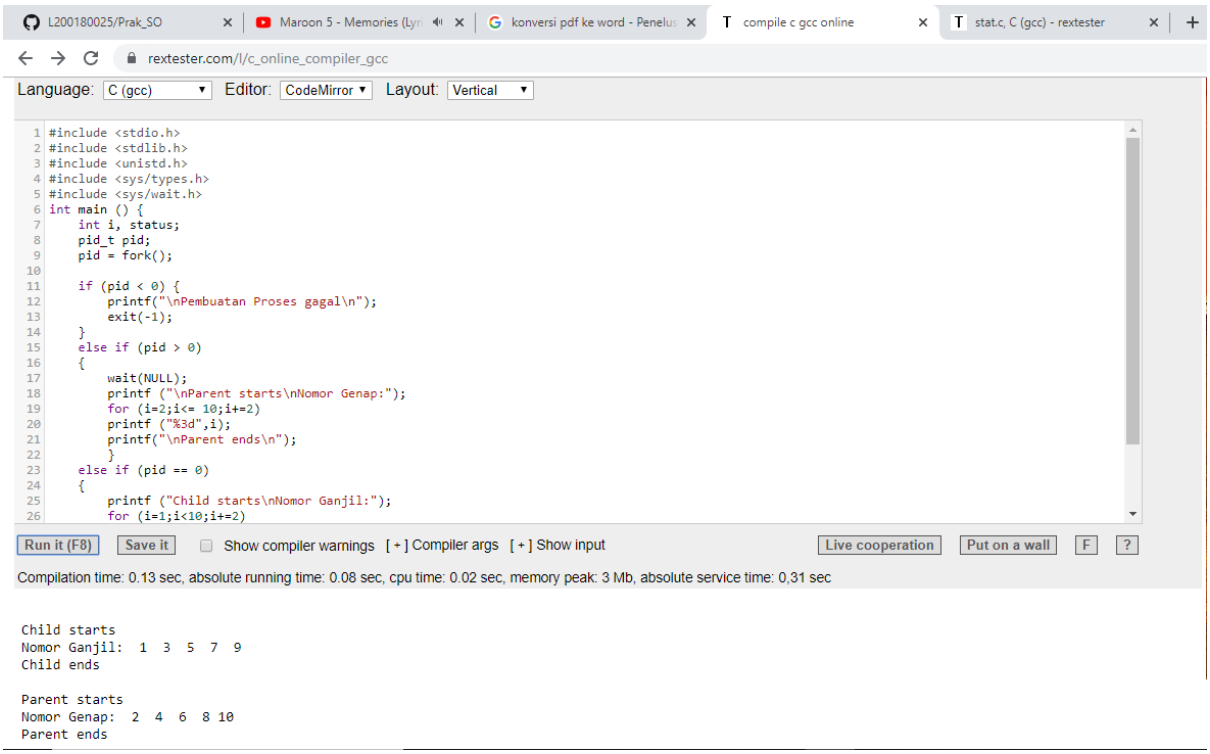
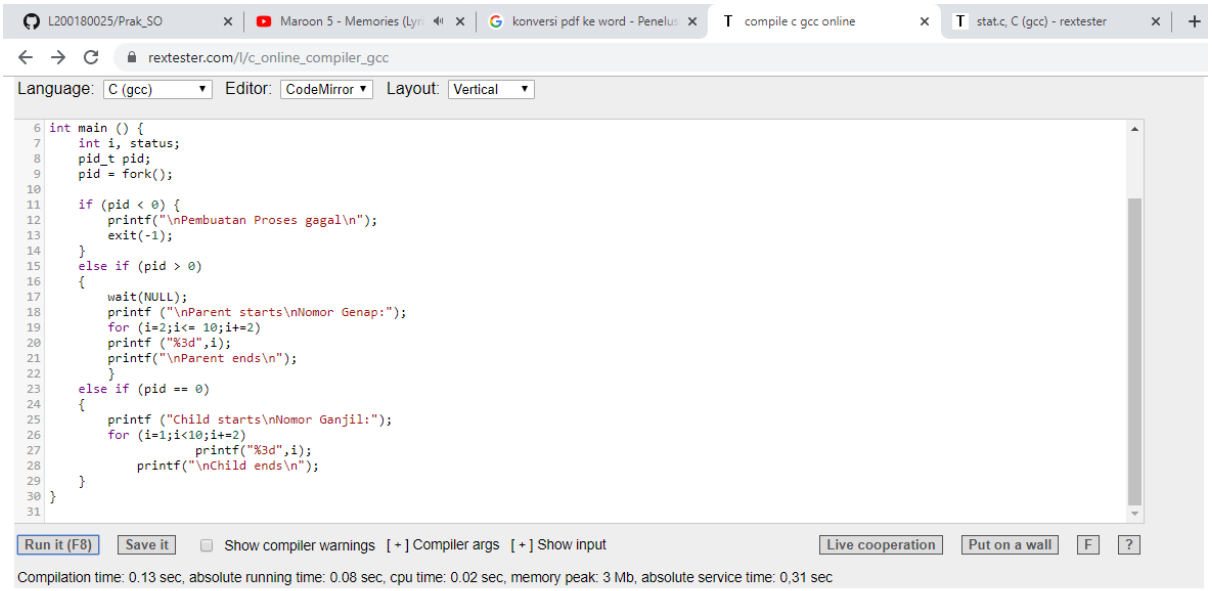
Nama : Yusrina Khairin Rusydina
NIM : L200180025
Kelas : A

1. fork.c



2. wait.c

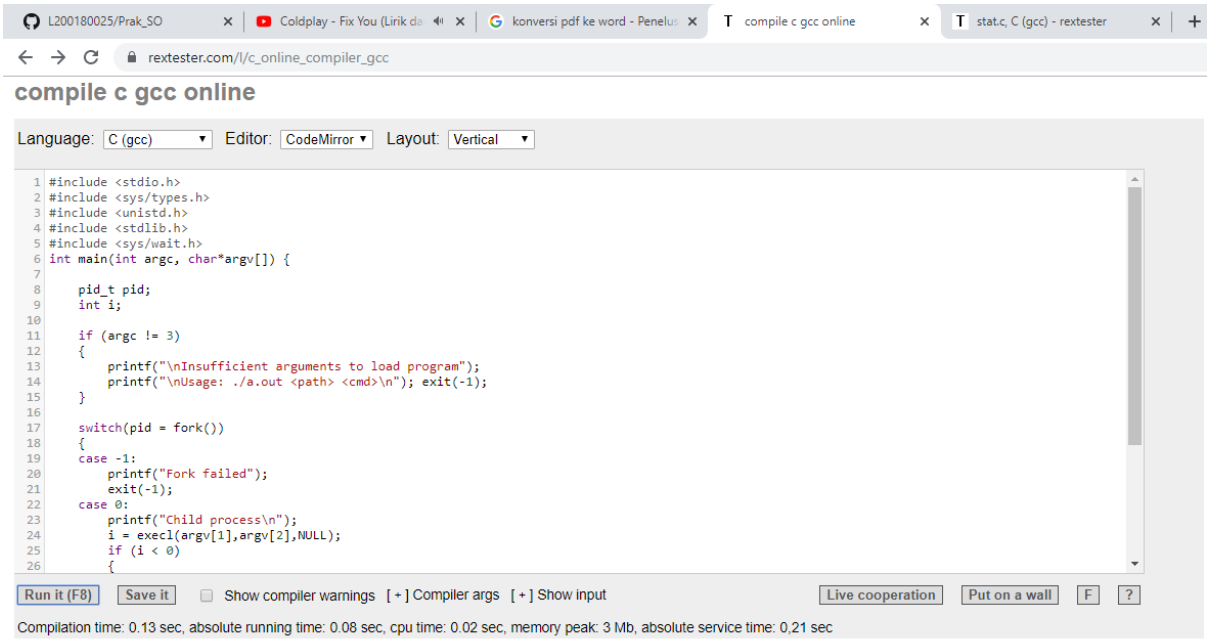




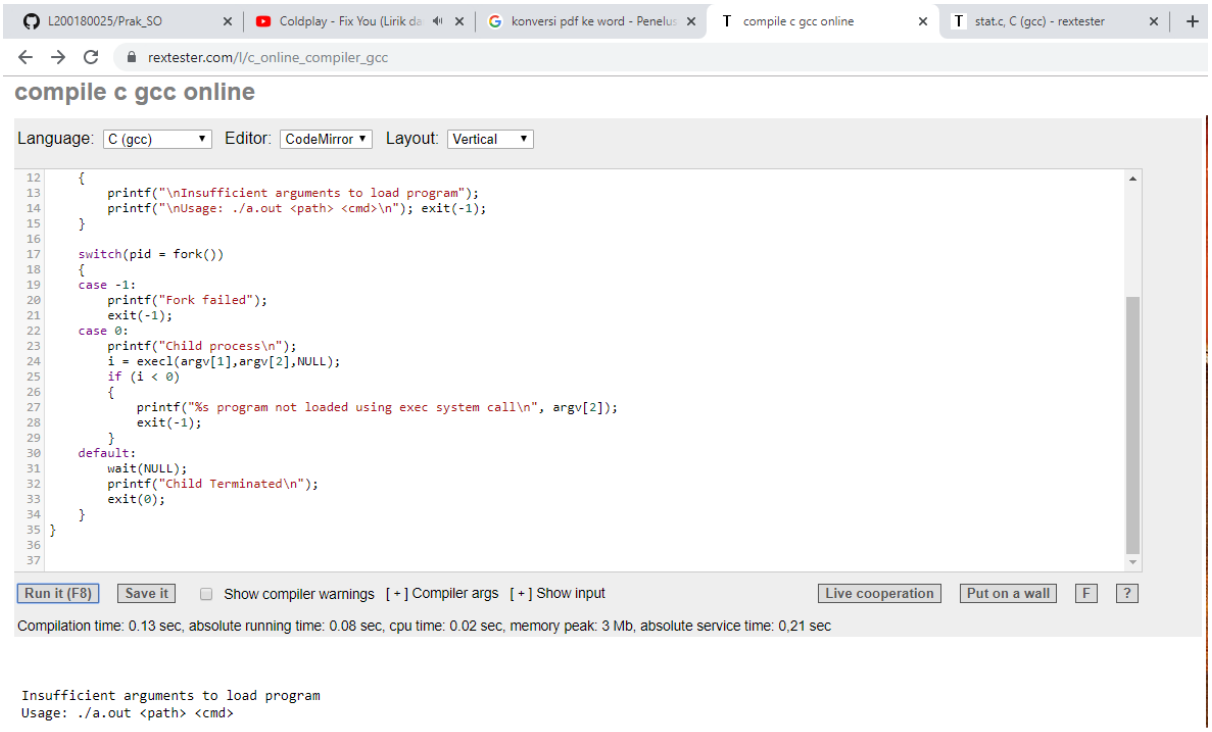

```
Child starts
Nomor Ganjil:  1  3  5  7  9
Child ends

Parent starts
Nomor Genap:  2  4  6  8 10
Parent ends
```

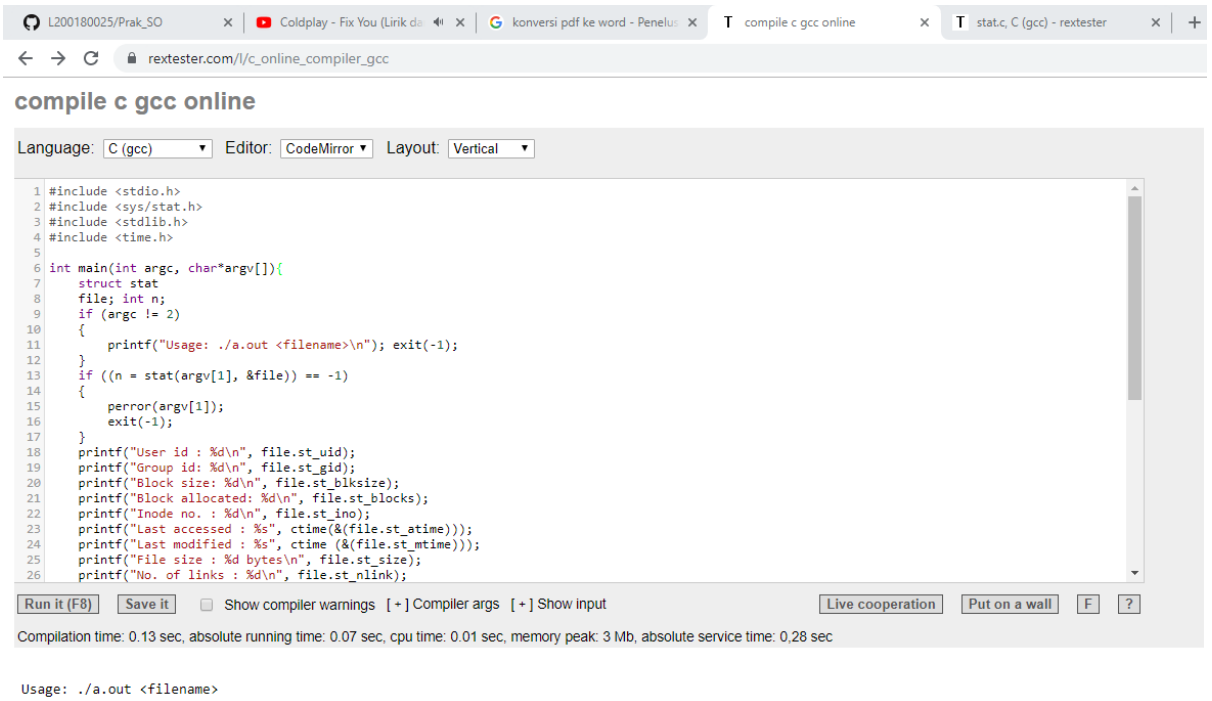
3. exec.c

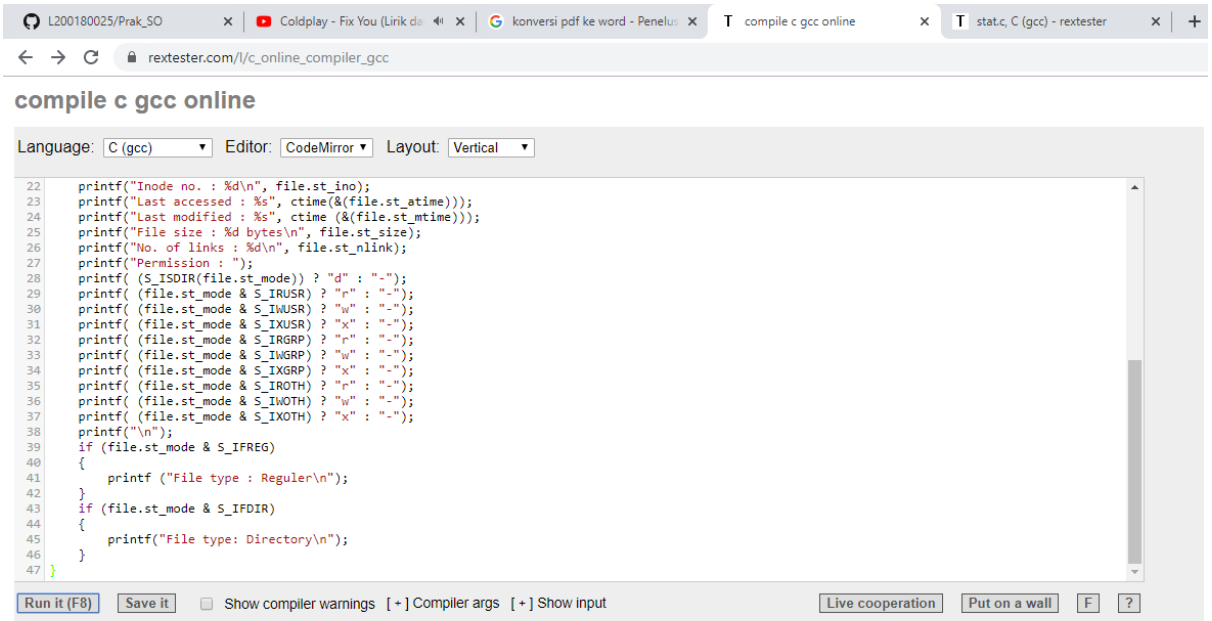



```
Insufficient arguments to load program
Usage: ./a.out <path> <cmd>
```

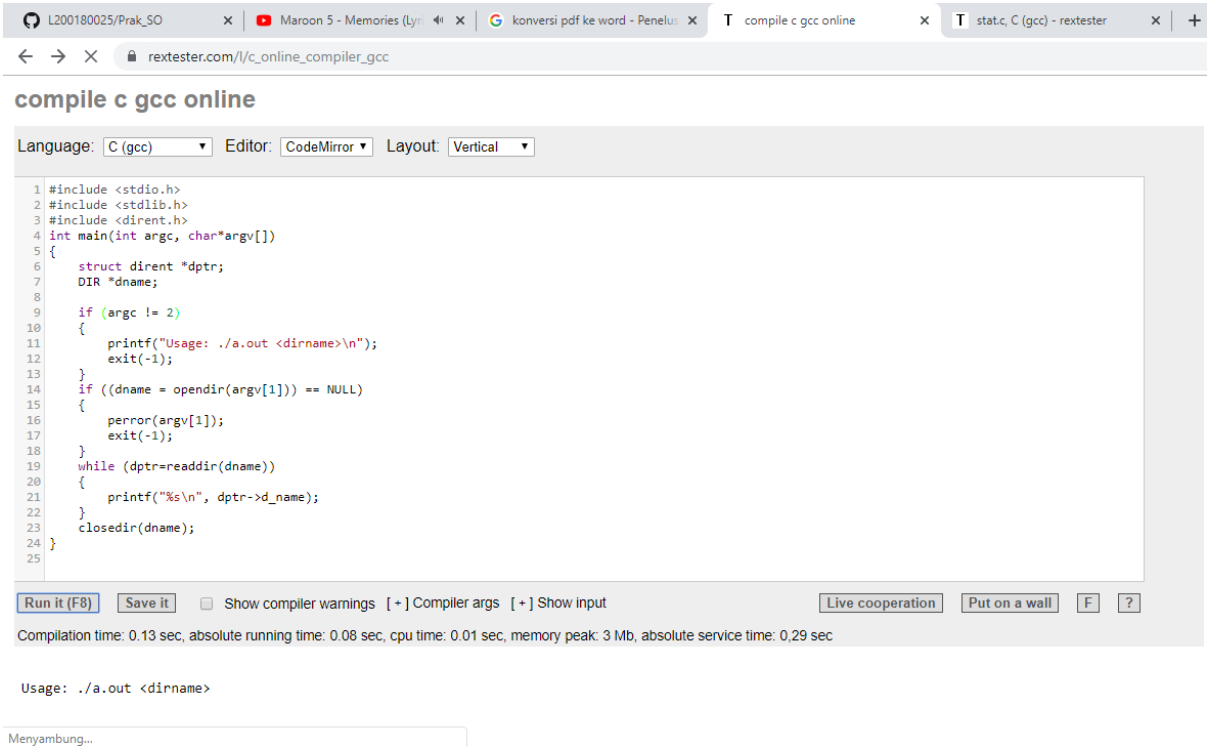

L200180025/Prak_SO
Coldplay - Fix You (Lirik da
konversi pdf ke word - Penelus
compile c gcc online
stat.c, C (gcc) - rextester
rextester.com/l/c_online_compiler_gcc
compile c gcc online
Language: C (gcc)
Editor: CodeMirror
Layout: Vertical
{
printf("\nInsufficient arguments to load program");
printf("\nUsage: ./a.out <path> <cmd>\n"); exit(-1);
}
switch(pid = fork())
{
case -1:
printf("Fork failed");
exit(-1);
case 0:
printf("Child process\n");
i = execl(argv[1],argv[2],NULL);
if (i < 0)
{
printf("%s program not loaded using exec system call\n", argv[2]);
exit(-1);
}
default:
wait(NULL);
printf("Child Terminated\n");
exit(0);
}
}
Run it (F8)
Save it
Show compiler warnings
[+] Compiler args
[+] Show input
Live cooperation
Put on a wall
F
?
Compilation time: 0.13 sec, absolute running time: 0.08 sec, cpu time: 0.02 sec, memory peak: 3 Mb, absolute service time: 0,21 sec
Insufficient arguments to load program
Usage: ./a.out <path> <cmd>

4. stat.c


L200180025/Prak_SO
Coldplay - Fix You (Lirik da
konversi pdf ke word - Penelus
compile c gcc online
stat.c, C (gcc) - rextester
rextester.com/l/c_online_compiler_gcc
compile c gcc online
Language: C (gcc)
Editor: CodeMirror
Layout: Vertical
#include <stdio.h>
#include <sys/stat.h>
#include <stdlib.h>
#include <time.h>
int main(int argc, char*argv[]){
struct stat
file; int n;
if (argc != 2)
{
printf("Usage: ./a.out <filename>\n"); exit(-1);
}
if ((n = stat(argv[1], &file)) == -1)
{
perror(argv[1]);
exit(-1);
}
printf("User id : %d\n", file.st_uid);
printf("Group id: %d\n", file.st_gid);
printf("Block size: %d\n", file.st_blksize);
printf("Block allocated: %d\n", file.st_blocks);
printf("Inode no. : %d\n", file.st_ino);
printf("Last accessed : %s", ctime(&(file.st_atime)));
printf("Last modified : %s", ctime (&(file.st_mtime)));
printf("File size : %d bytes\n", file.st_size);
printf("No. of links : %d\n", file.st_nlink);
Run it (F8)
Save it
Show compiler warnings
[+] Compiler args
[+] Show input
Live cooperation
Put on a wall
F
?
Compilation time: 0.13 sec, absolute running time: 0.07 sec, cpu time: 0.01 sec, memory peak: 3 Mb, absolute service time: 0,28 sec
Usage: ./a.out <filename>


L200180025/Prak_SO
Coldplay - Fix You (Lirik da
konversi pdf ke word - Penelus
compile c gcc online
stat.c, C (gcc) - rextester
rextester.com/l/c_online_compiler_gcc
compile c gcc online
Language: C (gcc)
Editor: CodeMirror
Layout: Vertical
22 printf("Inode no. : %d\n", file.st_ino);
23 printf("Last accessed : %s", ctime(&(file.st_atime)));
24 printf("Last modified : %s", ctime (&(file.st_mtime)));
25 printf("File size : %d bytes\n", file.st_size);
26 printf("No. of links : %d\n", file.st_nlink);
27 printf("Permission : ");
28 printf((S_ISDIR(file.st_mode)) ? "d" : "-");
29 printf((file.st_mode & S_IRUSR) ? "r" : "-");
30 printf((file.st_mode & S_IWUSR) ? "w" : "-");
31 printf((file.st_mode & S_IXUSR) ? "x" : "-");
32 printf((file.st_mode & S_IRGRP) ? "r" : "-");
33 printf((file.st_mode & S_IWGRP) ? "w" : "-");
34 printf((file.st_mode & S_IXGRP) ? "x" : "-");
35 printf((file.st_mode & S_IROTH) ? "r" : "-");
36 printf((file.st_mode & S_IWOTH) ? "w" : "-");
37 printf((file.st_mode & S_IXOTH) ? "x" : "-");
38 printf("\n");
39 if (file.st_mode & S_IFREG)
40 {
41 printf ("File type : Reguler\n");
42 }
43 if (file.st_mode & S_IFDIR)
44 {
45 printf("File type: Directory\n");
46 }
47 }
Run it (F8)
Save it
Show compiler warnings
[+] Compiler args
[+] Show input
Live cooperation
Put on a wall
F
?
Compilation time: 0.13 sec, absolute running time: 0.07 sec, cpu time: 0.01 sec, memory peak: 3 Mb, absolute service time: 0,28 sec
Usage: ./a.out <filename>

5. dirlist.c


L200180025/Prak_SO
Maroon 5 - Memories (Lyr
konversi pdf ke word - Penelus
compile c gcc online
stat.c, C (gcc) - rextester
rextester.com/l/c_online_compiler_gcc
compile c gcc online
Language: C (gcc)
Editor: CodeMirror
Layout: Vertical
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <dirent.h>
4 int main(int argc, char*argv[])
5 {
6 struct dirent *dptr;
7 DIR *dname;
8
9 if (argc != 2)
10 {
11 printf("Usage: ./a.out <dirname>\n");
12 exit(-1);
13 }
14 if ((dname = opendir(argv[1])) == NULL)
15 {
16 perror(argv[1]);
17 exit(-1);
18 }
19 while (dptr=readdir(dname))
20 {
21 printf("%s\n", dptr->d_name);
22 }
23 closedir(dname);
24 }
25
Run it (F8)
Save it
Show compiler warnings
[+] Compiler args
[+] Show input
Live cooperation
Put on a wall
F
?
Compilation time: 0.13 sec, absolute running time: 0.08 sec, cpu time: 0.01 sec, memory peak: 3 Mb, absolute service time: 0,29 sec
Usage: ./a.out <dirname>
Menyambung...