

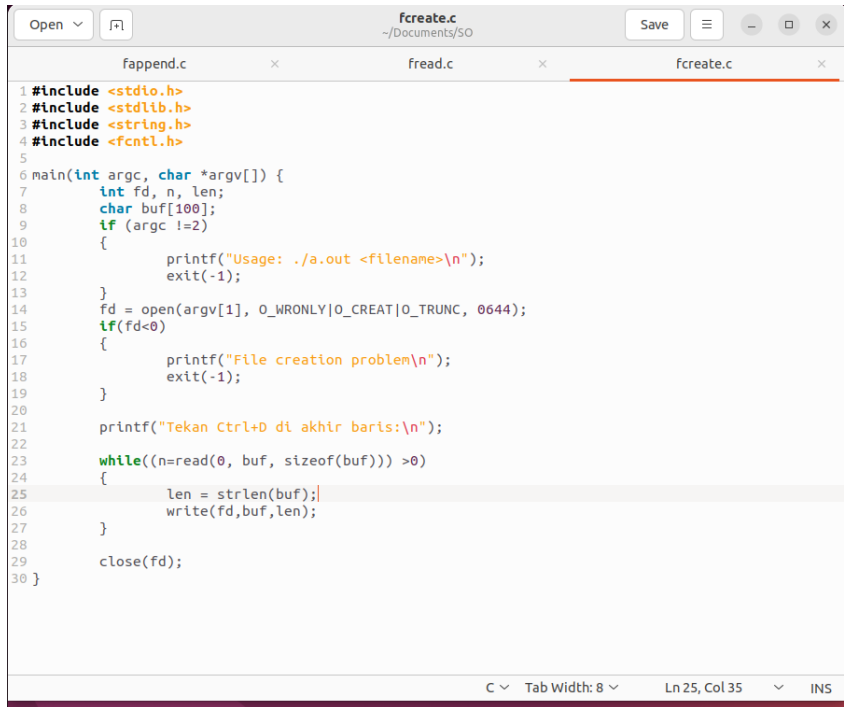
Nama = Maya Nurkhayati

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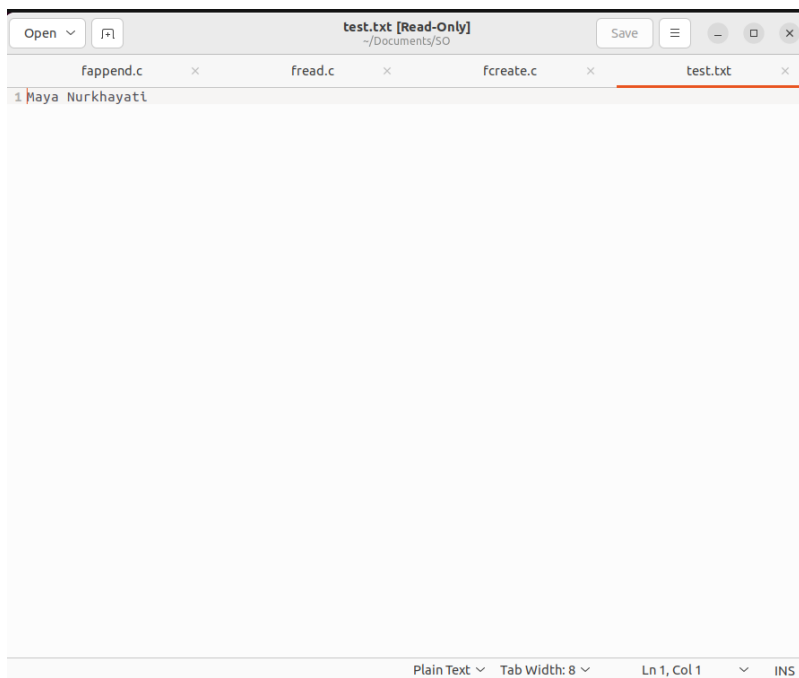
MODUL 9

MEMBUAT FILE DAN MENULIS DI DALAMNYA



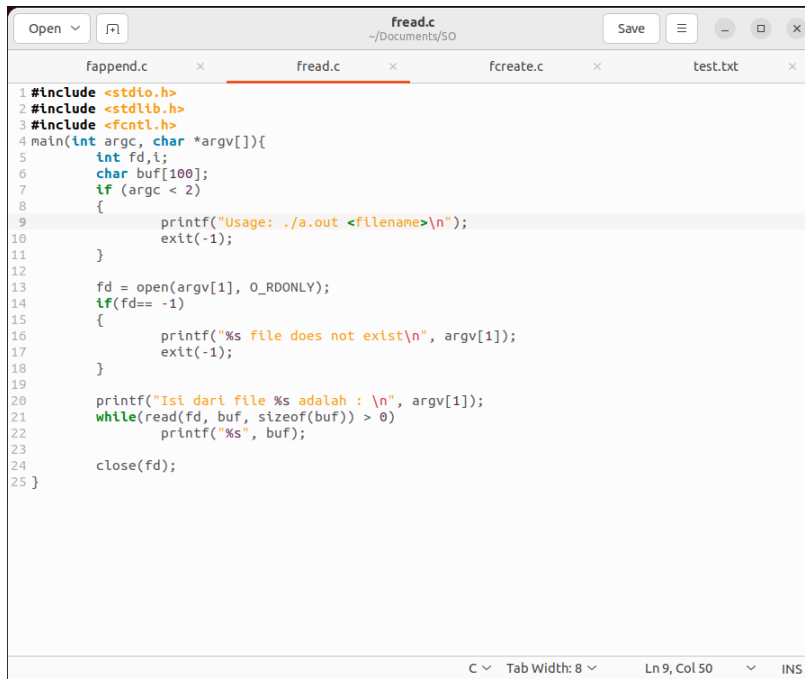
```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4 #include <fcntl.h>
5
6 main(int argc, char *argv[]) {
7     int fd, n, len;
8     char buf[100];
9     if (argc != 2)
10    {
11        printf("Usage: ./a.out <filename>\n");
12        exit(-1);
13    }
14    fd = open(argv[1], O_WRONLY|O_CREAT|O_TRUNC, 0644);
15    if (fd < 0)
16    {
17        printf("File creation problem\n");
18        exit(-1);
19    }
20    printf("Tekan Ctrl+D di akhir baris:\n");
21    while((n=read(0, buf, sizeof(buf))) > 0)
22    {
23        len = strlen(buf);
24        write(fd, buf, len);
25    }
26    close(fd);
27 }
```

OUTPUT



```
1 Maya Nurkhayati
```

MEMBACA FILE DAN MENAMPILKAN DI LAYAR

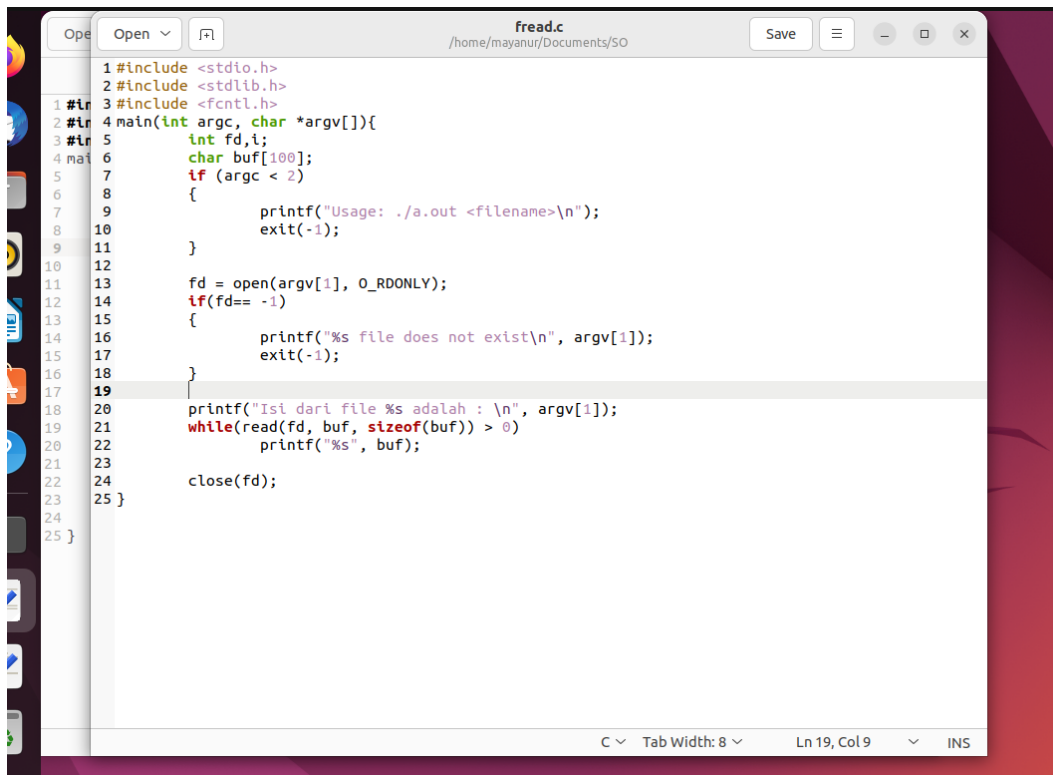


The screenshot shows a code editor window titled 'fread.c' with the file path '~/Documents/SO'. The editor contains the following C code:

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <fcntl.h>
4 main(int argc, char *argv[]){
5     int fd,i;
6     char buf[100];
7     if (argc < 2)
8     {
9         printf("Usage: ./a.out <filename>\n");
10        exit(-1);
11    }
12
13    fd = open(argv[1], O_RDONLY);
14    if(fd== -1)
15    {
16        printf("%s file does not exist\n", argv[1]);
17        exit(-1);
18    }
19
20    printf("Isi dari file %s adalah : \n", argv[1]);
21    while(read(fd, buf, sizeof(buf)) > 0)
22        printf("%s", buf);
23
24    close(fd);
25 }
```

The status bar at the bottom indicates 'C', 'Tab Width: 8', 'Ln 9, Col 50', and 'INS'.

OUTPUT

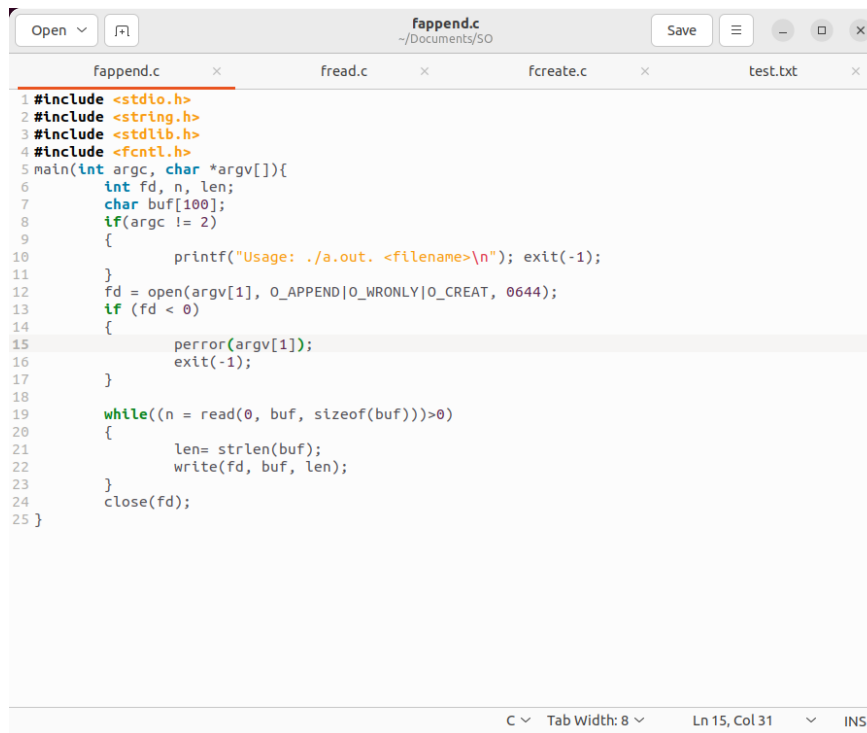


The screenshot shows the same code editor window as before, but with syntax highlighting. The code is as follows:

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <fcntl.h>
4 main(int argc, char *argv[]){
5     int fd,i;
6     char buf[100];
7     if (argc < 2)
8     {
9         printf("Usage: ./a.out <filename>\n");
10        exit(-1);
11    }
12
13    fd = open(argv[1], O_RDONLY);
14    if(fd== -1)
15    {
16        printf("%s file does not exist\n", argv[1]);
17        exit(-1);
18    }
19
20    printf("Isi dari file %s adalah : \n", argv[1]);
21    while(read(fd, buf, sizeof(buf)) > 0)
22        printf("%s", buf);
23
24    close(fd);
25 }
```

The status bar at the bottom indicates 'C', 'Tab Width: 8', 'Ln 19, Col 9', and 'INS'.

MENAMBAH ISI FILE

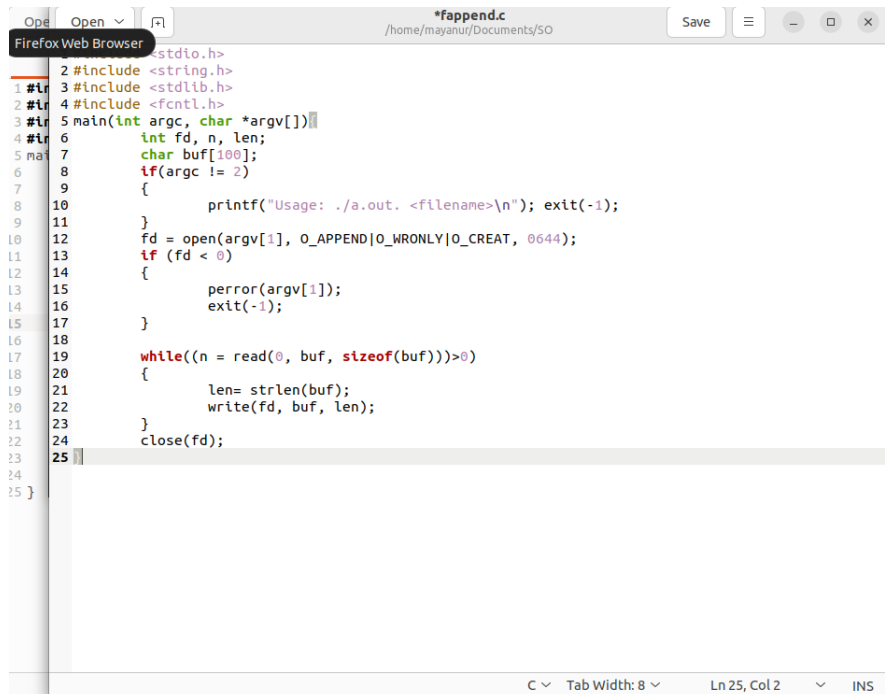


The screenshot shows a code editor with four tabs: fappend.c, fread.c, fcreate.c, and test.txt. The fappend.c tab is active, displaying the following C code:

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <stdlib.h>
4 #include <fcntl.h>
5 main(int argc, char *argv[]){
6     int fd, n, len;
7     char buf[100];
8     if(argc != 2)
9     {
10         printf("Usage: ./a.out. <filename>\n"); exit(-1);
11     }
12     fd = open(argv[1], O_APPEND|O_WRONLY|O_CREAT, 0644);
13     if (fd < 0)
14     {
15         perror(argv[1]);
16         exit(-1);
17     }
18
19     while((n = read(0, buf, sizeof(buf)))>0)
20     {
21         len= strlen(buf);
22         write(fd, buf, len);
23     }
24     close(fd);
25 }
```

The status bar at the bottom indicates "C", "Tab Width: 8", "Ln 15, Col 31", and "INS".

OUTPUT



The screenshot shows the same code editor as above, but with a "Firefox Web Browser" window overlaid on the left side. The code in the fappend.c tab is the same as in the previous image. The status bar at the bottom indicates "C", "Tab Width: 8", "Ln 25, Col 2", and "INS".