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CED18I039

# Device Drivers Lab 8

**Lab Exercise 8 - Write a C program to get a segment fault error.**

Source Code:

```c
#include<stdio.h>
int main(void)
{
   char *s = "Delhi is the capital of India";
   *s = 'A'; // improper access

}
```

Output :

```
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files/ioctl$ cd ..
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$ gcc seg.c -o seg
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$ ./seg
*** stack smashing detected ***: terminated
Aborted (core dumped)
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$ gcc seg.c -o seg
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$ ./seg
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$ gcc seg.c -o seg
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$ ./seg
Segmentation fault (core dumped)
paleti@paleti-Lenovo-ideapad-330-15ICH:~/Documents/SEM_8/DD/Labs/code_files$
```