

Before debugging:

```
#include<stdio.h>
int main()
{
    char *str = "EUR";
    str[0] = 'e';
    printf("%s\n",str);
    return 0;
}
```

After debugging:

```
#include<stdio.h>
int main()
{
    char str[] = "EUR";
    str[0] = 'e';
    printf("%s\n",str);
    return 0;
}
```

```
Reading symbols from a.out...
(gdb) run
Starting program: /home/a.out
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".

Program received signal SIGSEGV, Segmentation fault.
0x0000555555555164 in main () at main.c:5
5          str[0] = 'e';
(gdb) next

Program terminated with signal SIGSEGV, Segmentation fault.
The program no longer exists.
(gdb) █
```