

```
tarjeisv@itstud:~/OS2022/labs/lab4$ ./lab4
linking multiple c files...
hi im here
tarjeisv@itstud:~/OS2022/labs/lab4$ ./lab4
linking multiple c files...
bye
tarjeisv@itstud:~/OS2022/labs/lab4$ ./lab4
linking multiple c files...
bye
tarjeisv@itstud:~/OS2022/labs/lab4$ ./lab4
linking multiple c files...
hi im here
tarjeisv@itstud:~/OS2022/labs/lab4$ ./lab4
linking multiple c files...
hi im here
tarjeisv@itstud:~/OS2022/labs/lab4$ ./lab4
linking multiple c files...
see you never
tarjeisv@itstud:~/OS2022/labs/lab4$
```

The lab4.c file is responsible for printing “linking multiple files” and one of the 5 other messages

Exercise3:

There is segmentation fault because the first for loop is counting to 11 because of the `<=` and the other for loop is counting to 10 because of `<`, it has to be the same number and both should have `<=`.

It always gives 10 characters because the array is fixed to have 10 slots and need to have the number of characters as the length of the array.