

CS353 Operating systems Lab
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22th August 2022

Lab 1

Code:

```
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>

int main() {
    char *apps[] = {"/usr/bin/gnome-calculator", "/usr/bin/gedit"};
    int option;
    while(1) {
        printf("1.Calc\n2.gedit\nand any other to exit\nEnter your choice :");
        scanf("%d", &option);
        if(option>2) {
            break;
        }
        if(fork() == 0) {
            char *args[] = {apps[option-1], NULL};
            execvp(args[0], args);
            break;
        }
    }
    return 0;
}
```

Input/Output In terminal:

```
nilay@Nilay-PC:~$ gcc lab1.c
nilay@Nilay-PC:~$ ./a.out
1.Calc
2.gedit
and any other to exit
Enter your choice :1
1.Calc
2.gedit
and any other to exit
Enter your choice :2
1.Calc
2.gedit
and any other to exit
Enter your choice :3
nilay@Nilay-PC:~$
```