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OPERATING SYSTEM LAB

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**Question :**

8.3 Write a program in C, in which the process having multiple Macros, the signal handler would be invoked externally through the command prompt.

**Answer :**

**Code :**

#include<stdio.h>

#include<stdlib.h>

#include<signal.h>

#include<unistd.h>

void fun1(int a){

if(a==SIGINT){

printf("SIGINT is called\n");

}

else if(a==SIGKILL){

printf("SIGKILL is called\n");

}

else if(a==SIGTERM){

printf("SIGTERM is called\n");

}

else{

printf("all killed\n");

}

}

int main(){

signal(SIGINT,fun1);

signal(SIGKILL,fun1);

signal(SIGTERM,fun1);

while(1){

printf("main is running\n");

sleep(2);

}

}

**Output Screenshot :**

