

EX.NO:2

DATE:18-08-2020

MAKEFILE COMMAND

FIBO.H:

```
int fibo(int n);
```

FIBO.C:

```
#include<stdio.h>
#include "fibo.h"
int fibo(int n){
    int n1=0,n2=1,n3;
    int i;
    printf("%d %d ",n1,n2);
    for(i=2;i<n;i++){
        n3=n1+n2;
        printf("%d ",n3);
        n1=n2;
        n2=n3;
    }
    return 0;
}
```

SAMPLE.C:

```
#include<stdio.h>
#include "fibo.h"
int main(){
    fibo(n);
    return 0;
}
```

MAKEFILE:

all:

compile:

gcc sample.c fibo.c -o hello

OUTPUT:

```
root@DESKTOP-AM16036: ~  
root@DESKTOP-AM16036:~# gedit makefile  
(gedit:55): GLib-GIO-CRITICAL **: 20:57:28.053: g_dbus_proxy_new_sync: assertion 'G_IS_DBUS_CONNECTION (connection)' failed  
(gedit:55): dconf-WARNING **: 20:57:28.292: failed to commit changes to dconf: Error spawning command line "dbus-launch --autolaunch= --binary-syntax --close-stderr": Child process exited with code 1  
(gedit:55): dconf-WARNING **: 20:57:28.324: failed to commit changes to dconf: Error spawning command line "dbus-launch --autolaunch= --binary-syntax --close-stderr": Child process exited with code 1  
(gedit:55): dconf-WARNING **: 20:57:30.409: failed to commit changes to dconf: Error spawning command line "dbus-launch --autolaunch= --binary-syntax --close-stderr": Child process exited with code 1  
(gedit:55): dconf-WARNING **: 20:57:30.411: failed to commit changes to dconf: Error spawning command line "dbus-launch --autolaunch= --binary-syntax --close-stderr": Child process exited with code 1  
(gedit:55): dconf-WARNING **: 20:57:30.412: failed to commit changes to dconf: Error spawning command line "dbus-launch --autolaunch= --binary-syntax --close-stderr": Child process exited with code 1  
^C  
root@DESKTOP-AM16036:~# make compile  
gcc sample.c fibo.c -o hello  
root@DESKTOP-AM16036:~# ./hello  
0 1 1 2 3 5 8 13 21 34 root@DESKTOP-AM16036:~#
```