```
stephen@stephen-Inspiron-3521:~$ gcc --version
gcc (Ubuntu 11.4.0-1ubuntu1~22.04) 11.4.0
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This is free software; see the source for copying conditions.  There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

stephen@stephen-Inspiron-3521:~$ gedit sum.c
```

Open ⌄   ⊞   sum.c
                                                              ~/

```c
1 #include<stdio.h>
2
3 int main()
4 {
5  int a,b;
6  printf("Addition of two Numbers \n");
7  printf("Enter the first number:- ");
8  scanf("%d",&a);
9  printf("Enter the second number:- ");
10 scanf("%d",&b);
11 printf("\nSum of the two numbers entered is %d\n",(a+b));
12 return 0;
13 }
```

```
stephen@stephen-Inspiron-3521:~$ gcc -o sum sum.c
stephen@stephen-Inspiron-3521:~$ ./sum
Addition of two Numbers
Enter the first number:- 56
Enter the second number:- 59

Sum of the two numbers entered is 115
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ date
Sunday 10 March 2024 12:55:32 PM IST
stephen@stephen-Inspiron-3521:~$ date "+%D"
03/10/24
stephen@stephen-Inspiron-3521:~$ date "+%a"
Sun
stephen@stephen-Inspiron-3521:~$ date "+%B"
March
stephen@stephen-Inspiron-3521:~$ date "+%b"
Mar
stephen@stephen-Inspiron-3521:~$ date "+%h"
Mar
stephen@stephen-Inspiron-3521:~$ date "+%H"
12
stephen@stephen-Inspiron-3521:~$ date "+%Y -%m -%d"
2024 -03 -10
stephen@stephen-Inspiron-3521:~$ date "+%A %B %d %T %y"
Sunday March 10 12:58:04 24
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ cal
Command 'cal' not found, but can be installed with:
sudo apt install ncal
stephen@stephen-Inspiron-3521:~$ sudo apt install ncal
[sudo] password for stephen:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  ncal
0 upgraded, 1 newly installed, 0 to remove and 218 not upgraded.
Need to get 20.2 kB of archives.
After this operation, 69.6 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 ncal amd64 12.1.7+nmu3ubuntu2 [20.2 kB]
Fetched 20.2 kB in 1s (16.3 kB/s)
Selecting previously unselected package ncal.
(Reading database ... 203399 files and directories currently installed.)
Preparing to unpack .../ncal_12.1.7+nmu3ubuntu2_amd64.deb ...
Unpacking ncal (12.1.7+nmu3ubuntu2) ...
Setting up ncal (12.1.7+nmu3ubuntu2) ...
Processing triggers for man-db (2.10.2-1) ...
stephen@stephen-Inspiron-3521:~$ cal
     March 2024
Su Mo Tu We Th Fr Sa
                1  2
 3  4  5  6  7  8  9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
```

```
stephen@stephen-Inspiron-3521:~$ cal 2024
                            2024
        January                 February                 March
Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6                 1  2  3                        1  2
 7  8  9 10 11 12 13     4  5  6  7  8  9 10     3  4  5  6  7  8  9
14 15 16 17 18 19 20    11 12 13 14 15 16 17    10 11 12 13 14 15 16
21 22 23 24 25 26 27    18 19 20 21 22 23 24    17 18 19 20 21 22 23
28 29 30 31             25 26 27 28 29          24 25 26 27 28 29 30
                                                31

         April                    May                     June
Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6              1  2  3  4                        1
 7  8  9 10 11 12 13     5  6  7  8  9 10 11     2  3  4  5  6  7  8
14 15 16 17 18 19 20    12 13 14 15 16 17 18     9 10 11 12 13 14 15
21 22 23 24 25 26 27    19 20 21 22 23 24 25    16 17 18 19 20 21 22
28 29 30                26 27 28 29 30 31       23 24 25 26 27 28 29
                                                30

         July                   August                 September
Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6                 1  2  3     1  2  3  4  5  6  7
 7  8  9 10 11 12 13     4  5  6  7  8  9 10     8  9 10 11 12 13 14
14 15 16 17 18 19 20    11 12 13 14 15 16 17    15 16 17 18 19 20 21
21 22 23 24 25 26 27    18 19 20 21 22 23 24    22 23 24 25 26 27 28
28 29 30 31             25 26 27 28 29 30 31    29 30

        October                 November                December
Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa    Su Mo Tu We Th Fr Sa
       1  2  3  4  5                    1  2     1  2  3  4  5  6  7
 6  7  8  9 10 11 12     3  4  5  6  7  8  9     8  9 10 11 12 13 14
13 14 15 16 17 18 19    10 11 12 13 14 15 16    15 16 17 18 19 20 21
20 21 22 23 24 25 26    17 18 19 20 21 22 23    22 23 24 25 26 27 28
27 28 29 30 31          24 25 26 27 28 29 30    29 30 31

stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ echo "This is Stephen Using Ubuntu OS"
This is Stephen Using Ubuntu OS
stephen@stephen-Inspiron-3521:~$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  snap  sum  sum.c  Templates  Videos
stephen@stephen-Inspiron-3521:~$ who
stephen  tty2         2024-03-10 12:08 (tty2)
stephen@stephen-Inspiron-3521:~$ whoami
stephen
stephen@stephen-Inspiron-3521:~$ uptime
 13:02:57 up 56 min,  1 user,  load average: 0.27, 0.33, 0.39
stephen@stephen-Inspiron-3521:~$ uname
Linux
stephen@stephen-Inspiron-3521:~$ hostname
stephen-Inspiron-3521
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ bc
bc 1.07.1
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.
This is free software with ABSOLUTELY NO WARRANTY.
For details type `warranty'.
5 - 9
-4
8 * 9
72
quit
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ cat >items
"Stationary Items"
Pen
Pencil
Eraser
stephen@stephen-Inspiron-3521:~$ echo "Press Ctrl + D to save the file and exit the cat command"
Press Ctrl + D to save the file and exit the cat command
stephen@stephen-Inspiron-3521:~$ cat items
"Stationary Items"
Pen
Pencil
Eraser
stephen@stephen-Inspiron-3521:~$ cat >>items
Ruler
Sharpener
stephen@stephen-Inspiron-3521:~$ cat items
"Stationary Items"
Pen
Pencil
Eraser
Ruler
Sharpener
stephen@stephen-Inspiron-3521:~$ cat >accessories
"College Accessories"
Calculator
Analog Watch
stephen@stephen-Inspiron-3521:~$ cat accessories
"College Accessories"
Calculator
Analog Watch
stephen@stephen-Inspiron-3521:~$ cat >>accessories
Laptop
stephen@stephen-Inspiron-3521:~$ cat accessories
"College Accessories"
Calculator
Analog Watch
Laptop
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ cat items accessories >college
stephen@stephen-Inspiron-3521:~$ cat college
"Stationary Items"
Pen
Pencil
Eraser
Ruler
Sharpener
"College Accessories"
Calculator
Analog Watch
Laptop
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ ls
accessories  college  Desktop  Documents  Downloads  items  Music  Pictures  Public  snap  sum  sum.c  Templates  Videos
stephen@stephen-Inspiron-3521:~$ rm college
stephen@stephen-Inspiron-3521:~$ ls
accessories  Desktop  Documents  Downloads  items  Music  Pictures  Public  snap  sum  sum.c  Templates  Videos
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ cat items
"Stationary Items"
Pen
Pencil
Eraser
Ruler
Sharpener
stephen@stephen-Inspiron-3521:~$ cat >copy
This is a text file
stephen@stephen-Inspiron-3521:~$ cat copy
This is a text file
stephen@stephen-Inspiron-3521:~$ cp items copy
stephen@stephen-Inspiron-3521:~$ cat copy
"Stationary Items"
Pen
Pencil
Eraser
Ruler
Sharpener
stephen@stephen-Inspiron-3521:~$
```

```
Sharpener
stephen@stephen-Inspiron-3521:~$ ls
accessories  copy  Desktop  Documents  Downloads  items  Music  Pictures  Public  snap  sum  sum.c  Templates  Videos
stephen@stephen-Inspiron-3521:~$ mv copy copied
stephen@stephen-Inspiron-3521:~$ ls
accessories  copied  Desktop  Documents  Downloads  items  Music  Pictures  Public  snap  sum  sum.c  Templates  Videos
stephen@stephen-Inspiron-3521:~$
```

```
stephen@stephen-Inspiron-3521:~$ cat college
"Stationary Items"
Pen
Pencil
Eraser
Ruler
Sharpener
"College Accessories"
Calculator
Analog Watch
Laptop
stephen@stephen-Inspiron-3521:~$ head -3 college
"Stationary Items"
Pen
Pencil
stephen@stephen-Inspiron-3521:~$ tail -5 college
Sharpener
"College Accessories"
Calculator
Analog Watch
Laptop
stephen@stephen-Inspiron-3521:~$ wc college
 10  13 106 college
stephen@stephen-Inspiron-3521:~$
```