

Sri Lanka Institute of Information Technology



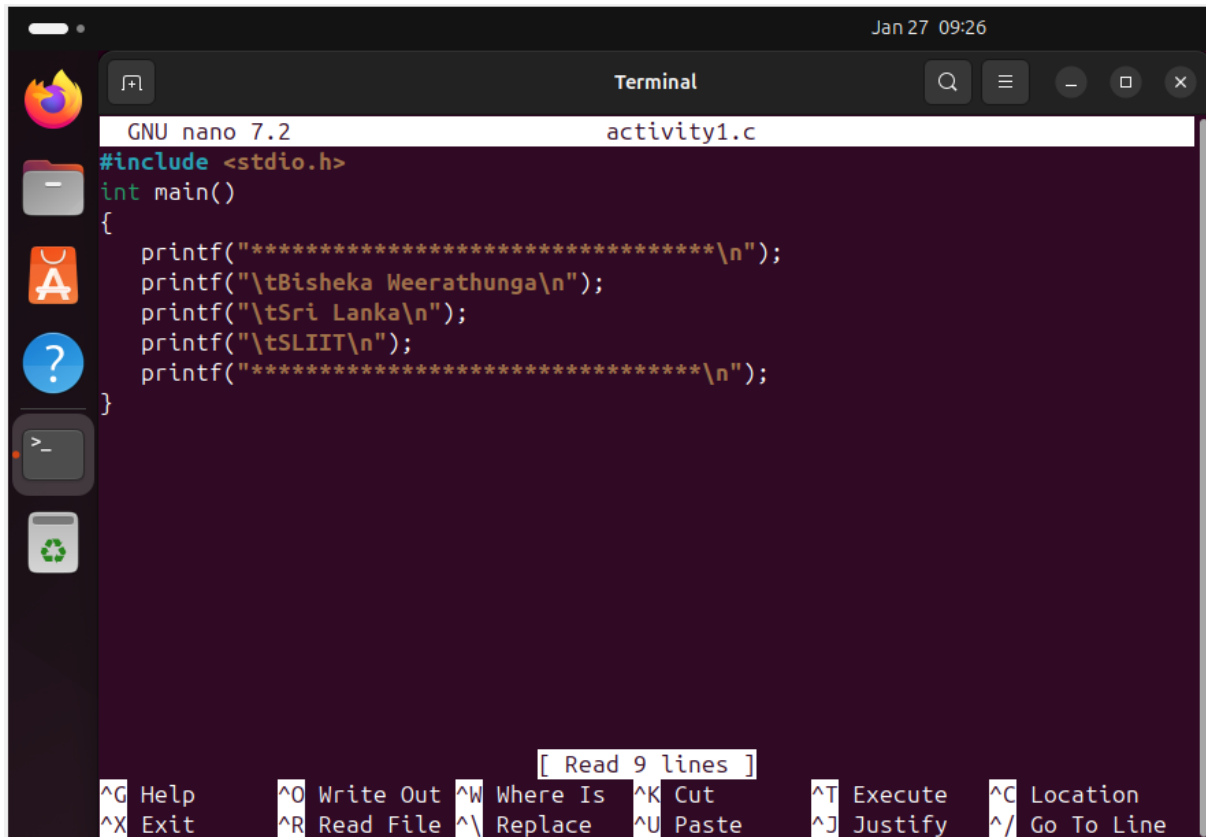
IT2130 – Operating Systems and System Administration
Year 2, Semester 2- 2026

Practical Answer Submission

Practical Sheet No: 01

Student ID	IT24102555
Student Name	Weerathunga B. A
Campus/ Center name	SLIIT-Malabe
Specialization	Data Science
Batch No	Y2.S2-WD-DS-0102

Activity 1



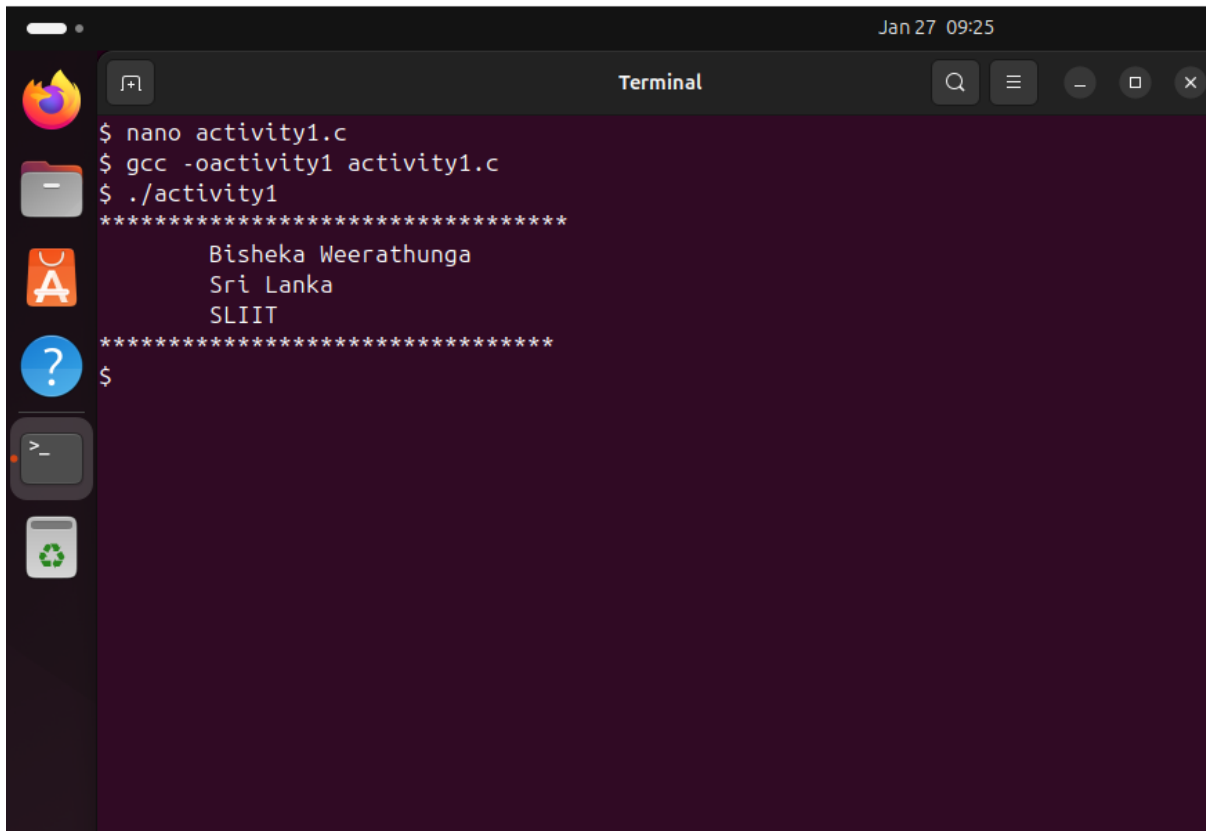
Jan 27 09:26

GNU nano 7.2 activity1.c

```
#include <stdio.h>
int main()
{
    printf("*****\n");
    printf("\tBisheka Weerathunga\n");
    printf("\tSri Lanka\n");
    printf("\tSLIIT\n");
    printf("*****\n");
}
```

[Read 9 lines]

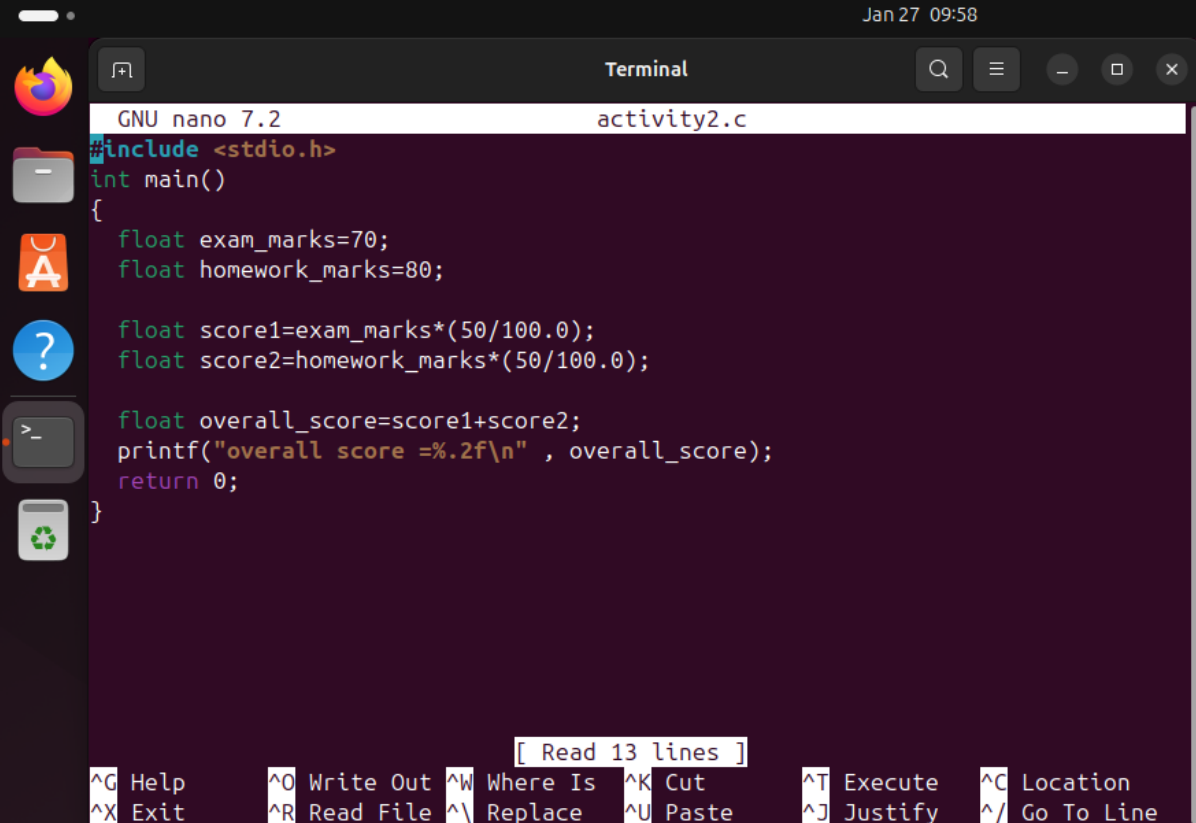
^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute	^C Location
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify	^_ Go To Line



Jan 27 09:25

```
$ nano activity1.c
$ gcc -oactivity1 activity1.c
$ ./activity1
*****
    Bisheka Weerathunga
    Sri Lanka
    SLIIT
*****
$
```

Activity 2



Jan 27 09:58

GNU nano 7.2 activity2.c

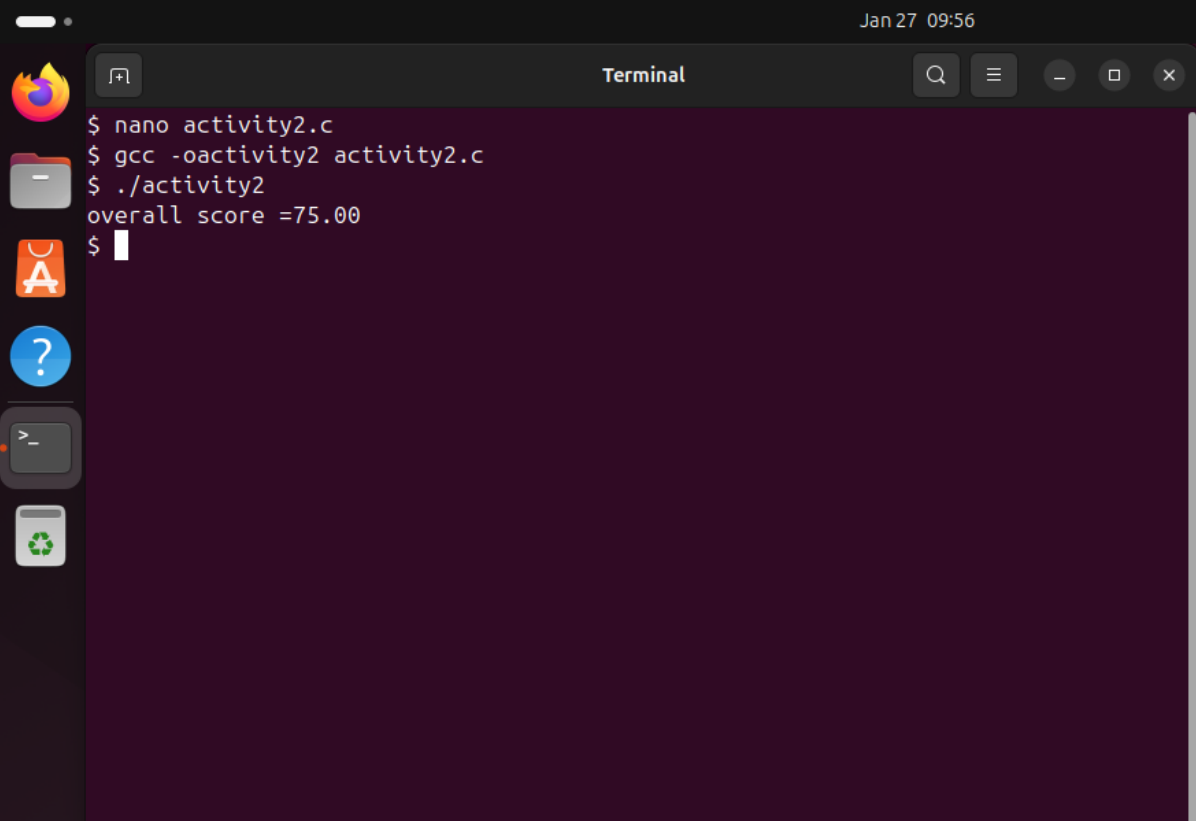
```
#include <stdio.h>
int main()
{
    float exam_marks=70;
    float homework_marks=80;

    float score1=exam_marks*(50/100.0);
    float score2=homework_marks*(50/100.0);

    float overall_score=score1+score2;
    printf("overall score =%.2f\n" , overall_score);
    return 0;
}
```

[Read 13 lines]

[^] G Help	[^] O Write Out	[^] W Where Is	[^] K Cut	[^] T Execute	[^] C Location
[^] X Exit	[^] R Read File	[^] \ Replace	[^] U Paste	[^] J Justify	[^] / Go To Line

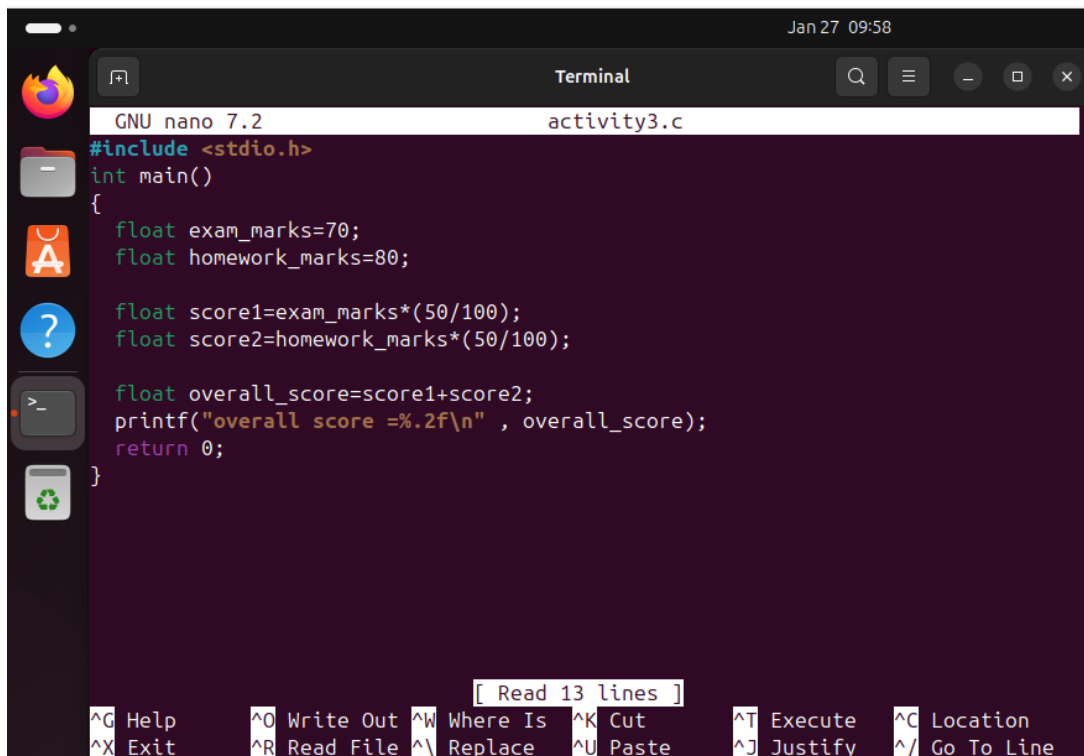


Jan 27 09:56

Terminal

```
$ nano activity2.c
$ gcc -oactivity2 activity2.c
$ ./activity2
overall score =75.00
$
```

Activity 3



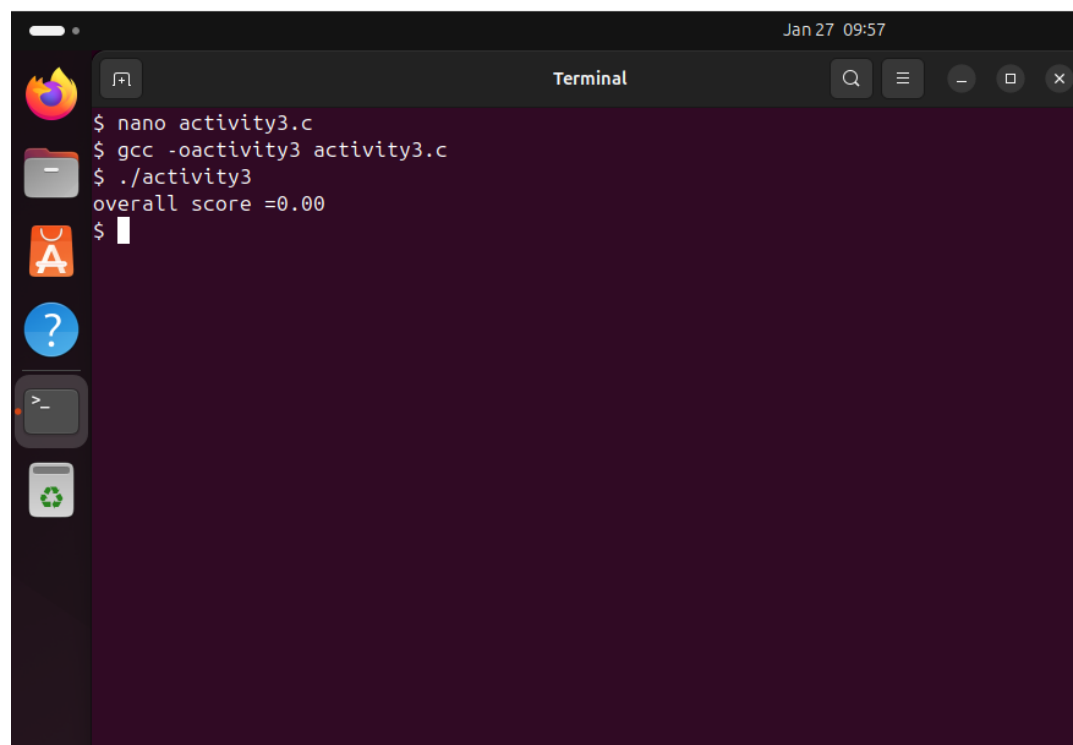
```
GNU nano 7.2 activity3.c
#include <stdio.h>
int main()
{
    float exam_marks=70;
    float homework_marks=80;

    float score1=exam_marks*(50/100);
    float score2=homework_marks*(50/100);

    float overall_score=score1+score2;
    printf("overall score =%.2f\n" , overall_score);
    return 0;
}
```

[Read 13 lines]

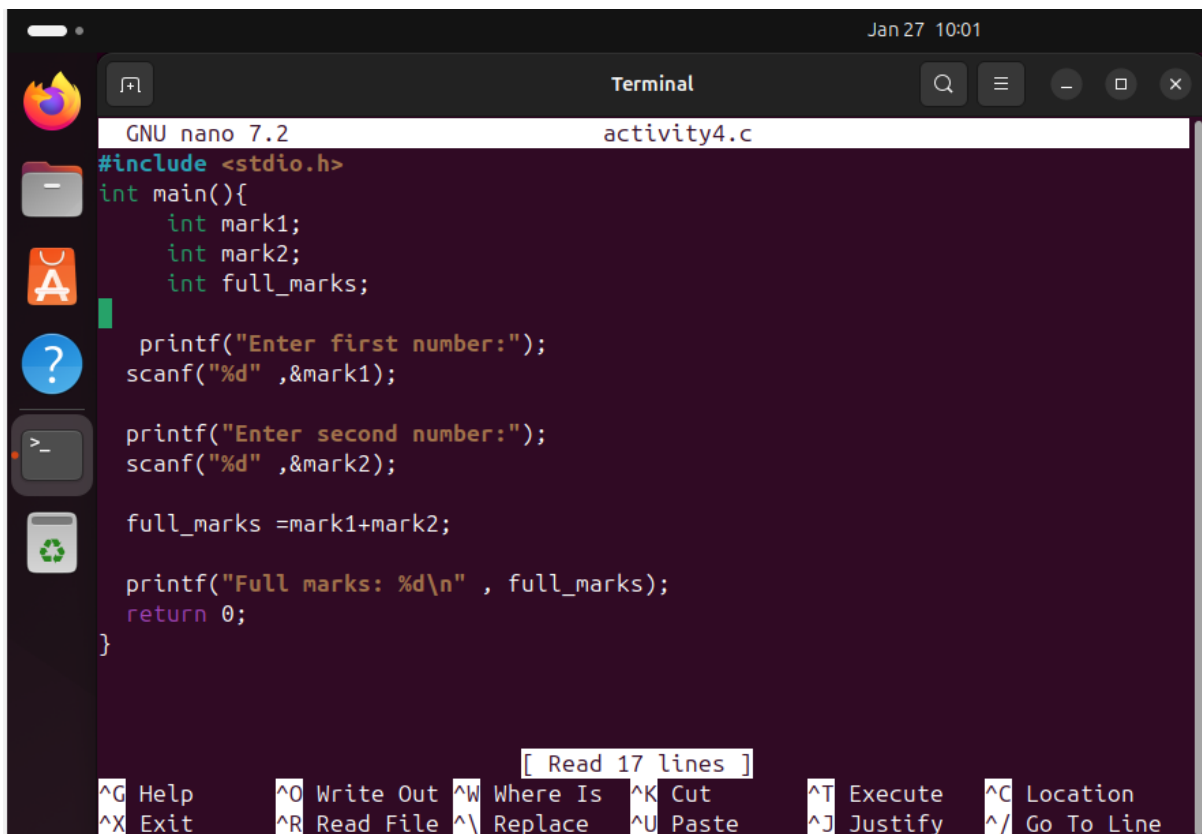
^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute	^C Location
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify	^_ Go To Line



```
$ nano activity3.c
$ gcc -oactivity3 activity3.c
$ ./activity3
overall score =0.00
$
```

In the C integer division, decimal parts are truncated. AS a result, all answer goes to 0.

Activity 4



Jan 27 10:01

GNU nano 7.2 activity4.c

```
#include <stdio.h>
int main(){
    int mark1;
    int mark2;
    int full_marks;

    printf("Enter first number:");
    scanf("%d" ,&mark1);

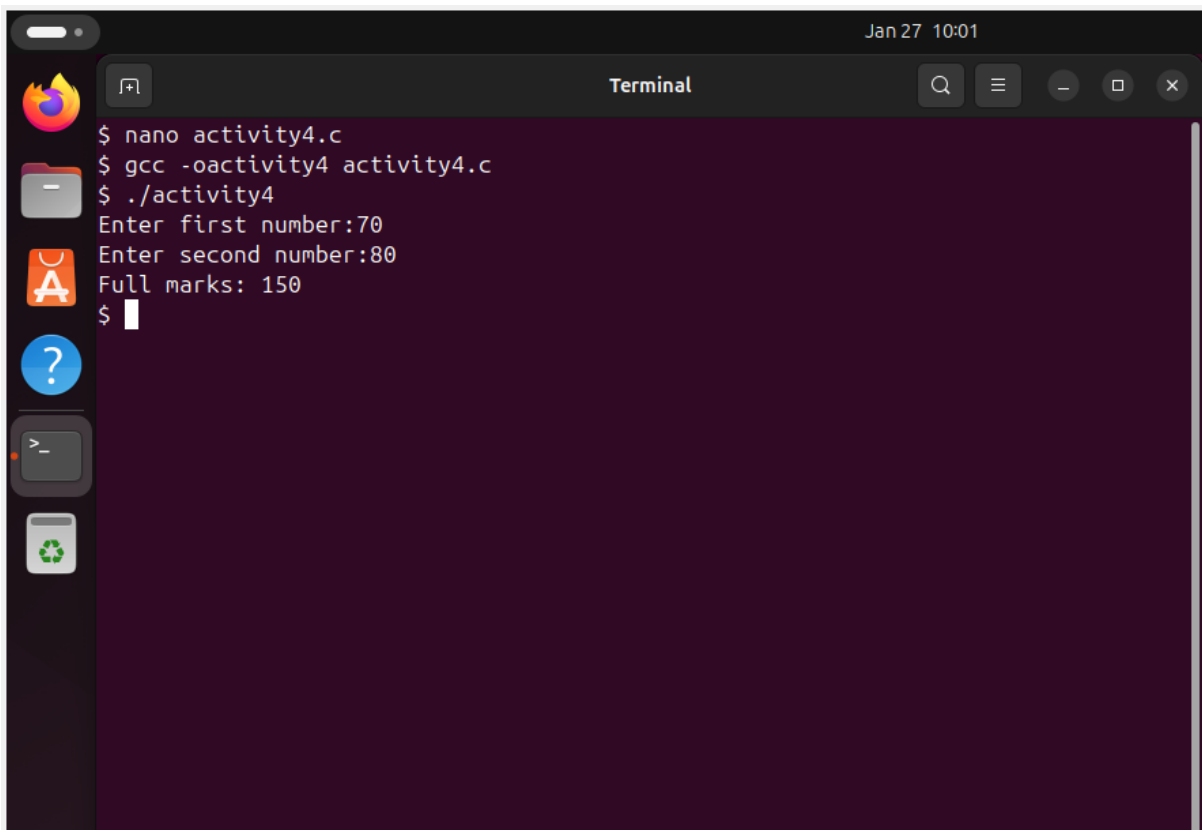
    printf("Enter second number:");
    scanf("%d" ,&mark2);

    full_marks =mark1+mark2;

    printf("Full marks: %d\n" , full_marks);
    return 0;
}
```

[Read 17 lines]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute	^C Location
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify	^/ Go To Line



Jan 27 10:01

```
$ nano activity4.c
$ gcc -oactivity4 activity4.c
$ ./activity4
Enter first number:70
Enter second number:80
Full marks: 150
$
```