# *C language part 2*

1. What is scanf() in c language.

=> scanf() is not a keyword.

=> scanf() is the predefined function.

=> scanf() doing both work print and value user input.

We make first program by using scanf().

$ #include<stdio.h>

$ int main ()

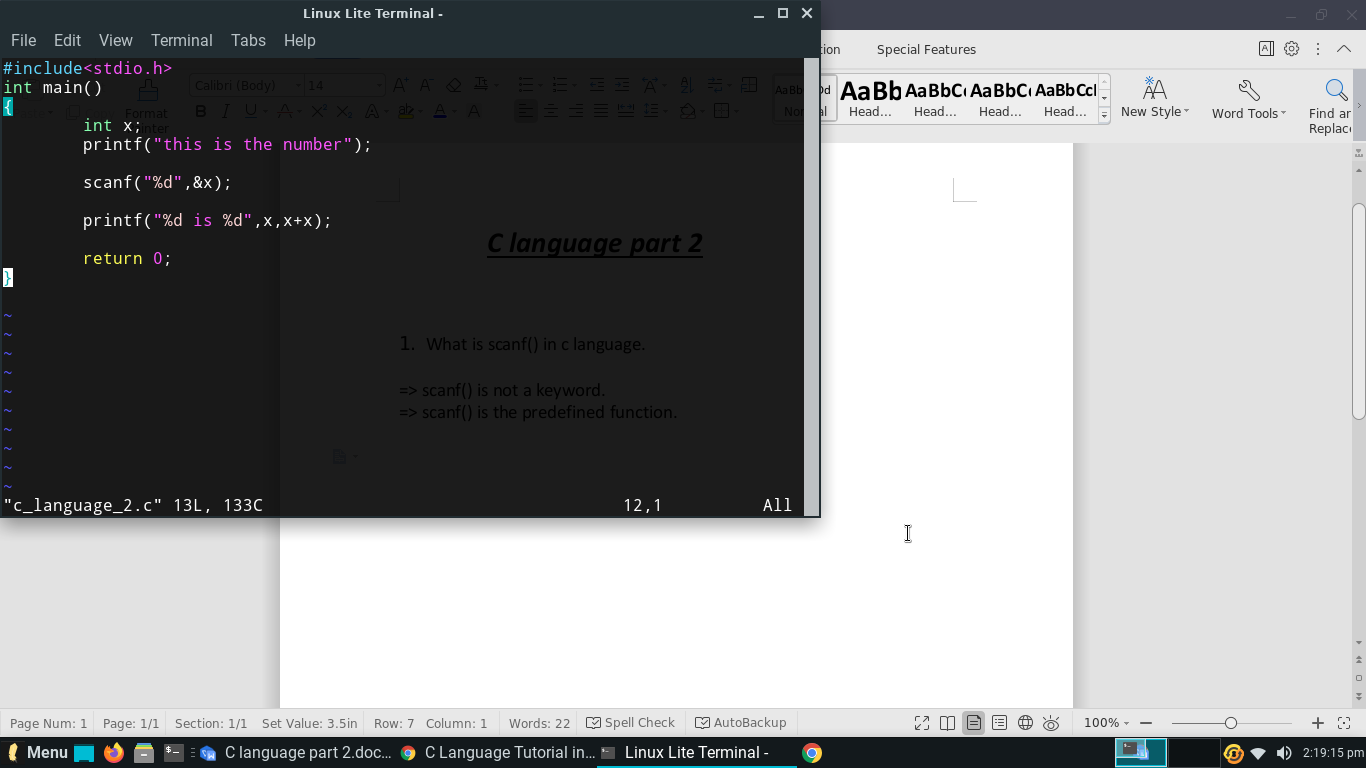
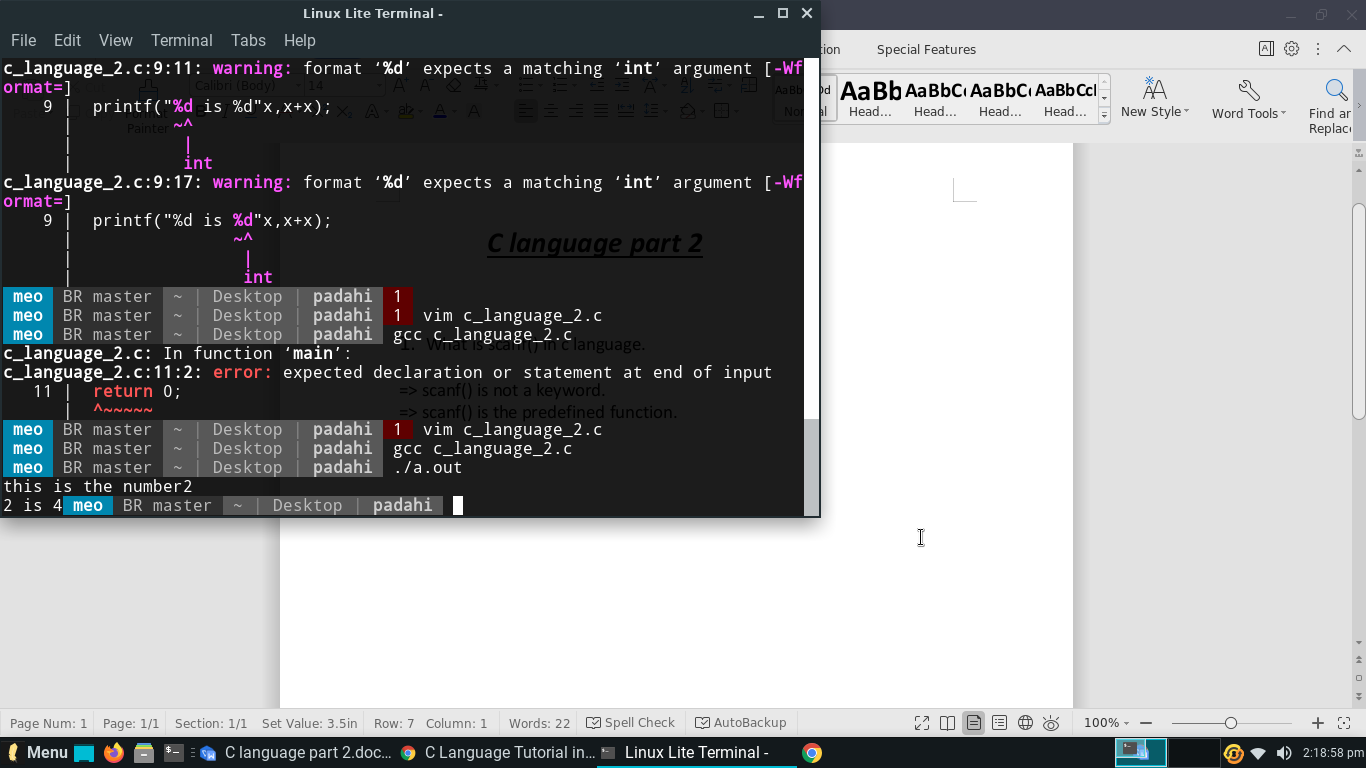
$ {   
$ int x;  
$ printf(“sentences”); (operational)

$ scanf(“%d”,&x);

$ printf(“using the sentence formula”,x,x+x);

$ return 0;

$}

1. what is the ASCII ?

=> Full form of ASCII is “**American Standard Code for Information Interchange**”.

=> ASCAII code is the numerical representation of a character such as ‘a’ or ‘@’ or an action of some sort.

=> ASCII is a technic that the alphabetic is change into number but the number value is fixed.

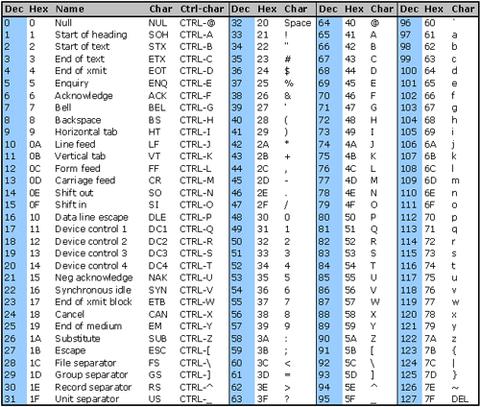
=> The total ASCII code is 256. 128 + 128 .

‘A’ = 65 ‘o’ = 48

‘a’ = 97 ‘1’ = 49

‘b’ = 98 ‘9’ = 57

‘@’ = 64 ‘ ’ = 92

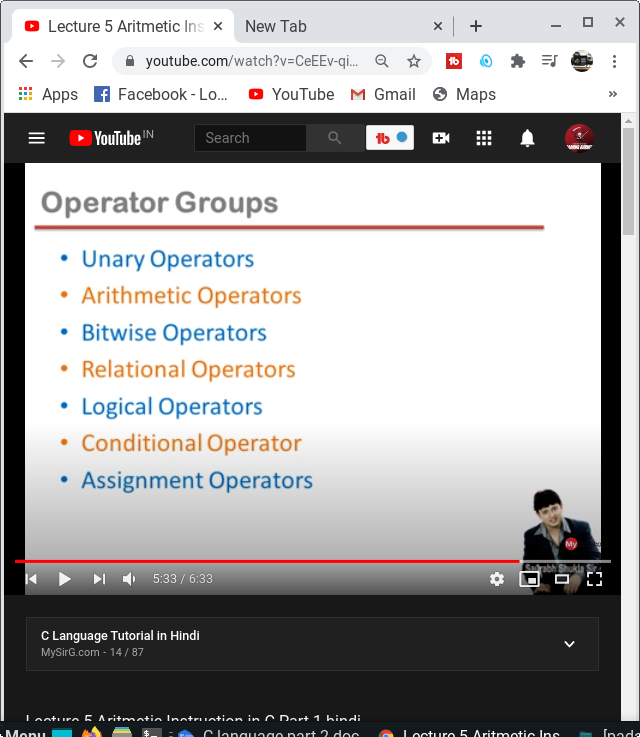


1. What is Arithmetic Instruction in c.

=> An Instruction which is used to manipulate data using operators, is known as Arithmetic Instruction. (manipulate main Hera fare Karina)

=> There is no BODMAS in c language.

=> There is the similarly formula like a BODMAS in the Arithmetic Instruction :-



=> Unary operators :-

+,-,++,--,sizeof()

++ increment operator

$#include<stdio.h>

$int main()

$ {

$ int x=3;

$ x++;

$ printf("%d",x);

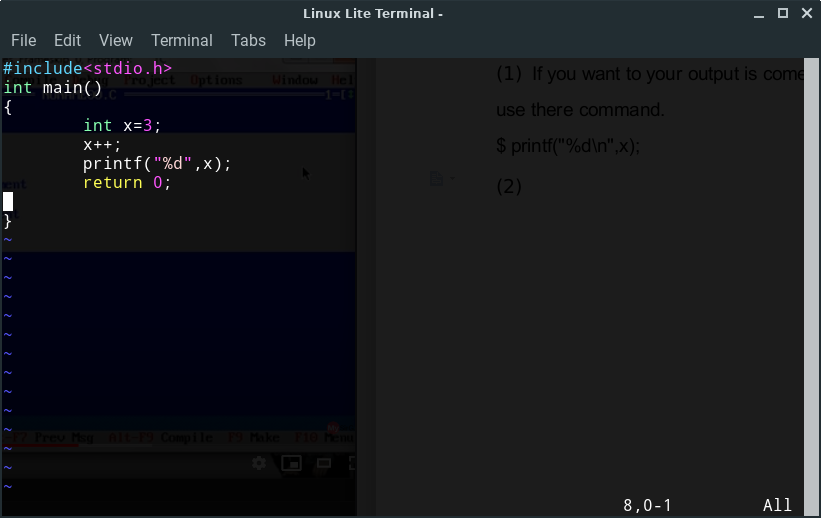
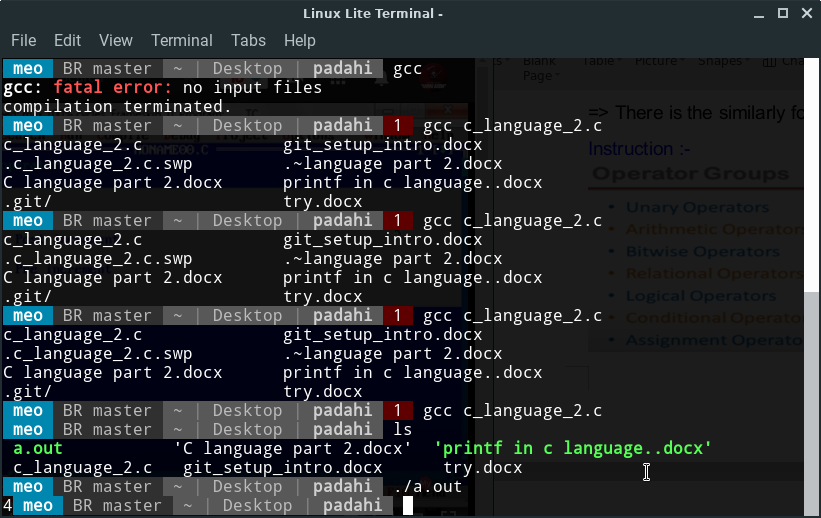
$ ++x;

$ printf("%d",x);

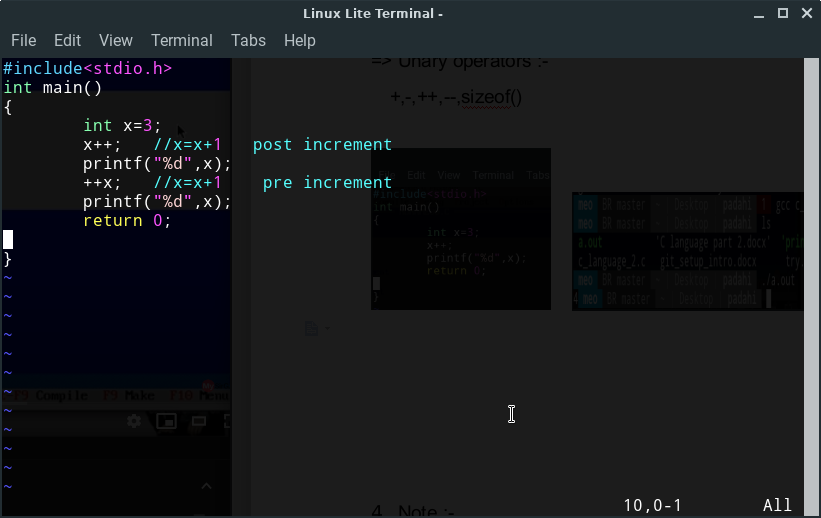
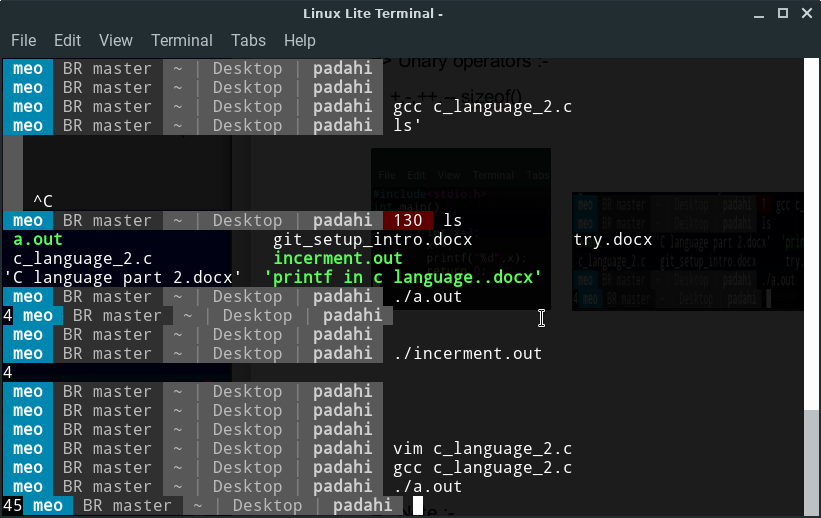
$ return 0;

$ }

1 2

3 4

-- decrement operator

$ #include<stdio.h>

$ int main()

$ {

$ int x=3;

$ x--;

$ printf("%d",x);

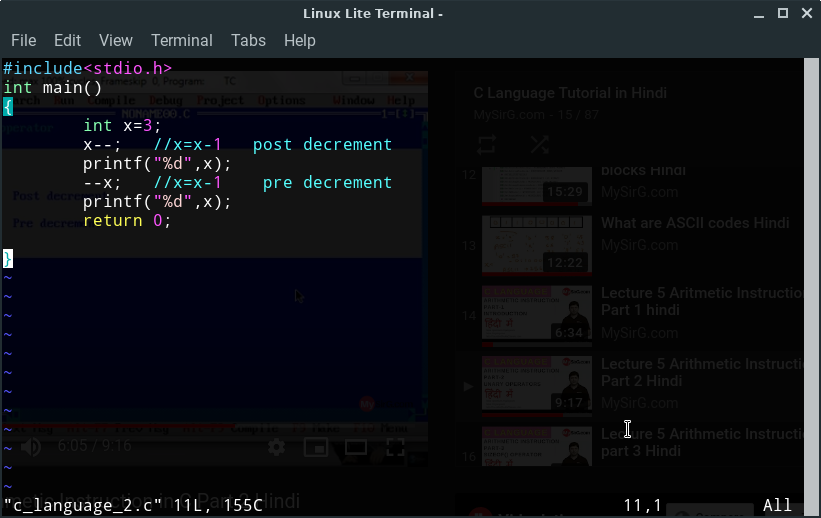
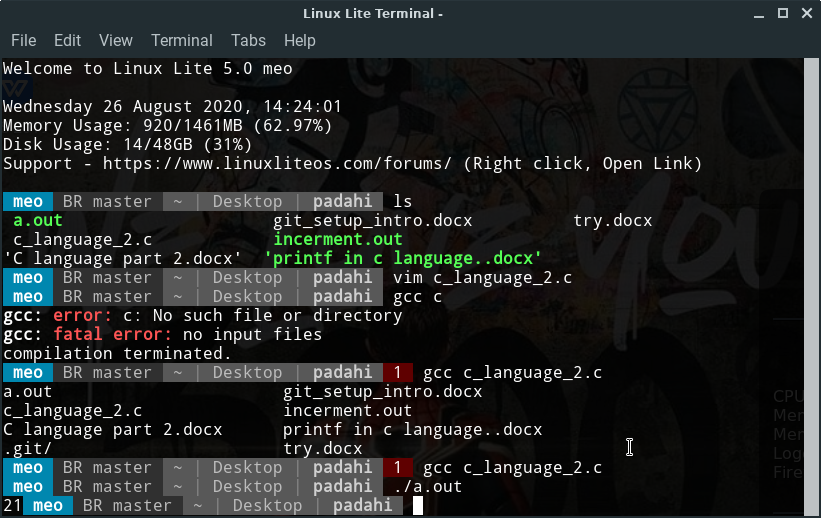
$ --x;

$ printf("%d",x);

$ return 0;

$ }

1 2

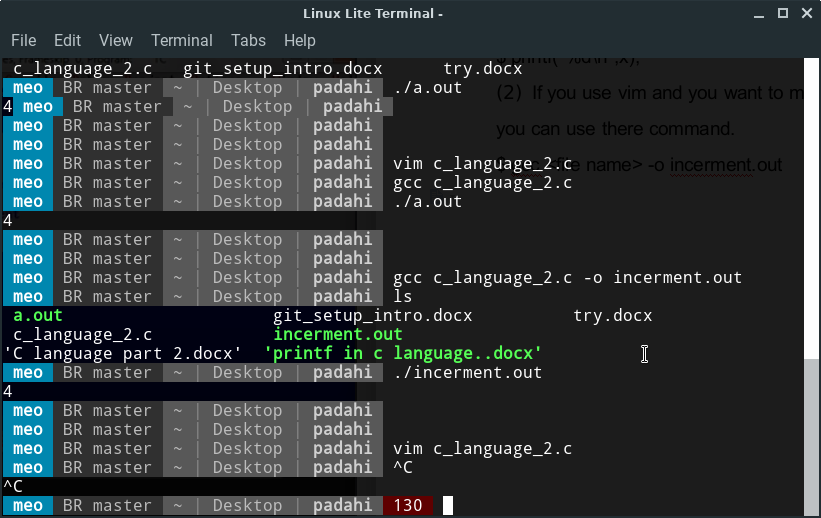
1. Note :-
2. If you want to your output is come under the next line, so you can use there command.

$ printf("%d\n",x);

When you see that your output is come under next line.

1. If you use vim and you want to my output is name is change, so you can use there command.

$ gcc <file name> -o incerment.out



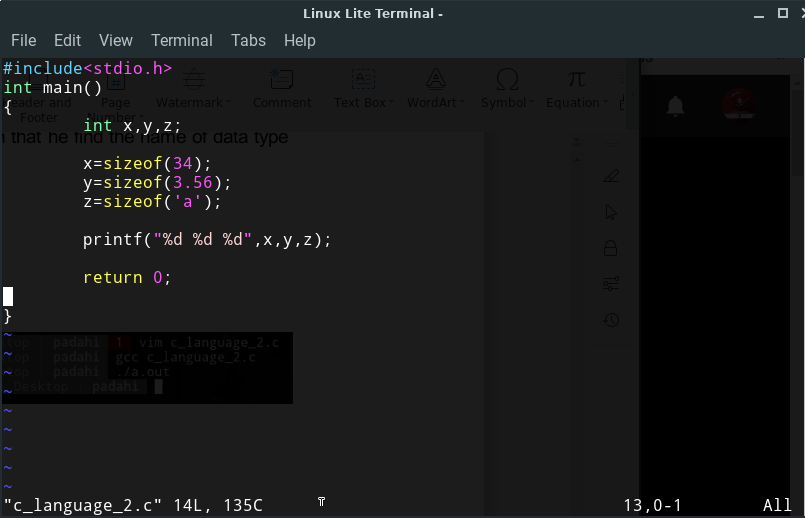
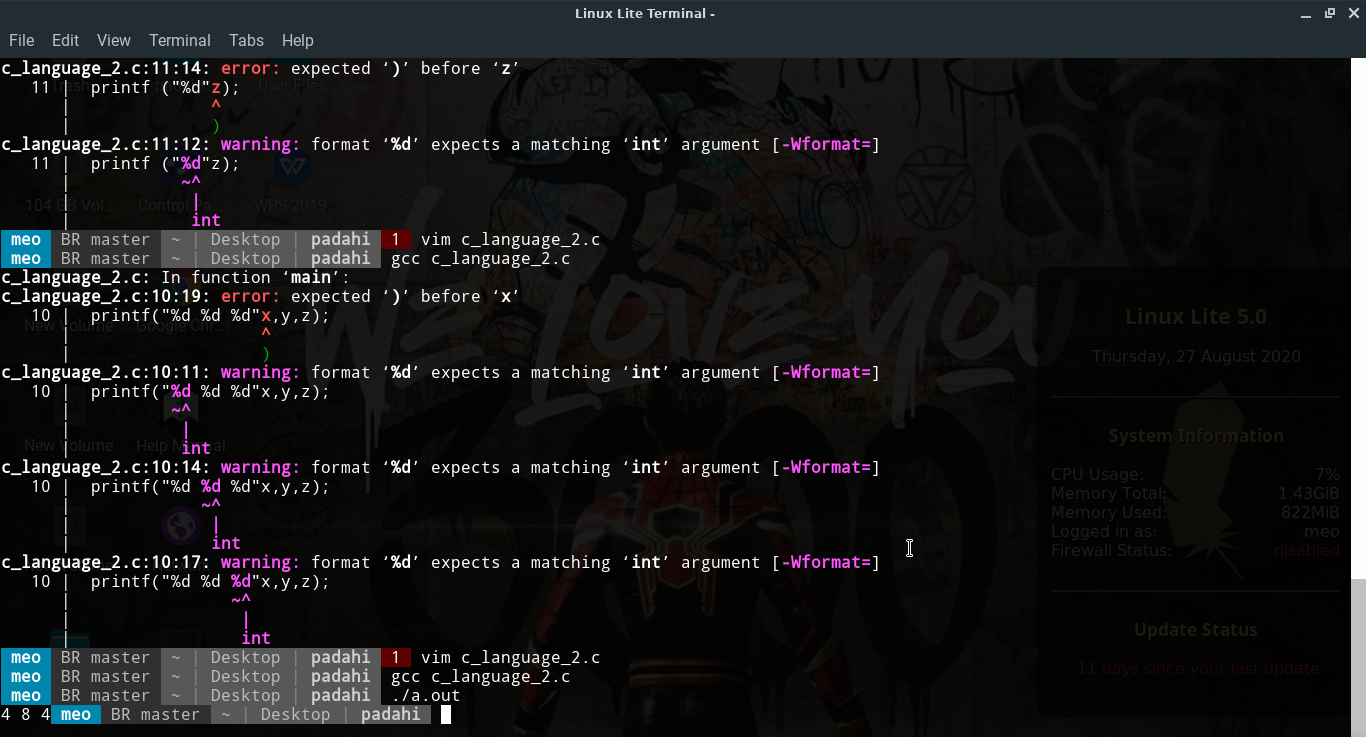
1. What is sizeof in c ?

=> sizeof is the function that he find the name of data type

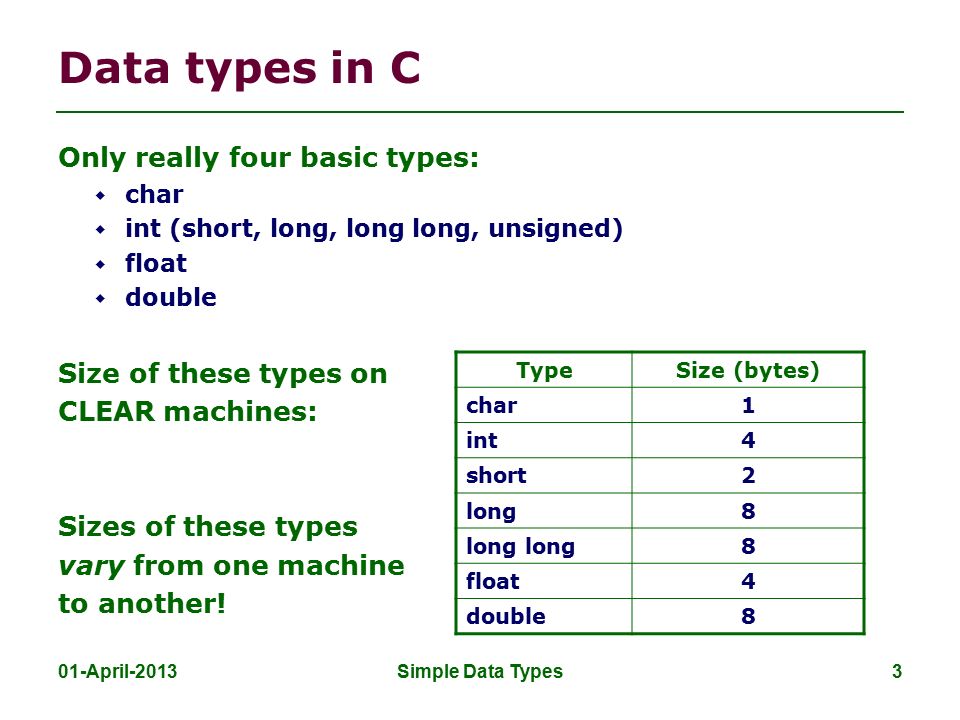
4 => float => 34

8 => double => 3.56

4 => int => a

Note :-



1. There are many type of Operator :-

