File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

a1.c   lab1.c   l1.c   l31.c

```c
#include <stdio.h>

void main() {

    for (int i = 0; i < 10; i++){
        printf ("Salma\n");
    }

}
```

```
Windows PowerShell
PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
Salma
Salma
Salma
Salma
Salma
Salma
Salma
Salma
Salma
Salma
PS C:\Users\pc\Documents\C (notepad)>
```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

a1.c   lab1.c   l1.c   l31.c

```c
#include <stdio.h>

void main() {

    printf ("The first 10 natural numbers are : \n");
    for (int i = 1; i <= 10; i++){
        printf ("%d ",i);
    }

}
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
The first 10 natural numbers are :
1 2 3 4 5 6 7 8 9 10
PS C:\Users\pc\Documents\C (notepad)>
```

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

Tabs: a1.c | lab1.c | l1.c | l31.c

```c
#include <stdio.h>

void main() {

    int x , sum=0;

    printf ("Enter 10 numbers \n");
    for (int i = 0; i < 10; i++){
        printf ("Number-%d :",i);
        scanf(" %d",&x);
        sum+=x;
    }

    printf("The sum of 10 no is : %d\n",sum);
    printf("The average is : %f", (sum/10.0));

}
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
Enter 10 numbers
Number-0 :5
Number-1 :6
Number-2 :19
Number-3 :17
Number-4 :4
Number-5 :35
Number-6 :12
Number-7 :7
Number-8 :20
Number-9 :11
The sum of 10 no is : 136
The average is : 13.600000
PS C:\Users\pc\Documents\C (notepad)>
```

a1.c   lab1.c   l1.c   l31.c

```c
#include <stdio.h>

void main() {

    int x;
    printf ("Enter the answer of 3 x 4 = ");
    scanf (" %d",&x);

    while (x != 12){
        printf ("Not correct. Please try again : ");
        scanf (" %d",&x);
    }
    printf ("Thank You");


}
```

```
Windows PowerShell

PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
Enter the answer of 3 x 4 = 10
Not correct. Please try again : 11
Not correct. Please try again : 12
Thank You
PS C:\Users\pc\Documents\C (notepad)>
```

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

al.c   lab1.c   l1.c   l31.c

```c
#include <stdio.h>

void main() {

    int x,i=1;
    printf ("Enter the number to display its multiplication table :");
    scanf (" %d",&x);


    while (i <= x){
        printf ("%d x %d = %d\n",x,i,(x*i));
        i++;
    }


}
```

```
Windows PowerShell

PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
Enter the number to display its multiplication table :6
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
PS C:\Users\pc\Documents\C (notepad)>
```

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

a1.c ☒   lab1.c ☒   l1.c ☒   l31.c ☒

```c
#include <stdio.h>

void main() {

    int x, i;
    printf ("Enter an integer:");
    scanf (" %d",&x);
    i=x-1;

    while (i > 0 ){
        x*=i;
        i--;
    }
    printf ("Factorial= %d",x);


}
```

```
Windows PowerShell

PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
Enter an integer:7
Factorial= 5040
PS C:\Users\pc\Documents\C (notepad)>
```