C:\Users\pc\Documents\C (notepad)\l1.c - Notepad++

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

l31.c l42.c l41.c l1.c

```c
#include <stdio.h>
int Get_Max (int x, int y);

void main(){

    int n1,n2;
    printf ("Enter value 1 : ");
    scanf(" %d",&n1);
    printf ("Enter value 2 : ");
    scanf(" %d",&n2);
    printf("The Maximum value is %d",Get_Max(n1,n2));

}
int Get_Max (int x,int y){
    int res;
    if (x>y)
    {
        res = x;
    }
    else
    {
        res = y;
    }
    return res;
}
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l1.c -o l1.exe
PS C:\Users\pc\Documents\C (notepad)> ./l1.exe
Enter value 1 : 4
Enter value 2 : 3
The Maximum value is 4
PS C:\Users\pc\Documents\C (notepad)> ./l1.exe
Enter value 1 : 4
Enter value 2 : 4
The Maximum value is 4
PS C:\Users\pc\Documents\C (notepad)>
```

C:\Users\pc\Documents\C (notepad)\l1.c - Notepad++

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

l31.c l42.c l41.c l1.c

```c
#include <stdio.h>
void swap (int x, int y);

void main(){

    int n1,n2;
    printf ("X before swap = ");
    scanf(" %d",&n1);
    printf ("Y before swap = ");
    scanf(" %d",&n2);
    swap(n1,n2);

}
void swap (int x,int y){
    int z;
    z=x;
    x=y;
    y=z;
    printf ("X after swap = %d\n",x);
    printf ("Y after swap = %d",y);
}
```

1

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l1.c -o l1.exe
PS C:\Users\pc\Documents\C (notepad)> ./l1.exe
X before swap = 10
Y before swap = 20
X after swap = 20
Y after swap = 10
PS C:\Users\pc\Documents\C (notepad)>
```

C:\Users\pc\Documents\C (notepad)\l1.c - Notepad++

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

l31.c l42.c l41.c l1.c

```c
#include <stdio.h>
void swap (int x, int y);

void main(){

    int n1,n2;
    printf ("X before swap = ");
    scanf(" %d",&n1);
    printf ("Y before swap = ");
    scanf(" %d",&n2);
    swap(n1,n2);

}
void swap (int x,int y){

    x=x+y;
    y=x-y;
    x=x-y;
    printf ("X after swap = %d\n",x);
    printf ("Y after swap = %d",y);
}
```

2

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l1.c -o l1.exe
PS C:\Users\pc\Documents\C (notepad)> ./l1.exe
X before swap = 10
Y before swap = 20
X after swap = 20
Y after swap = 10
PS C:\Users\pc\Documents\C (notepad)>
```

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

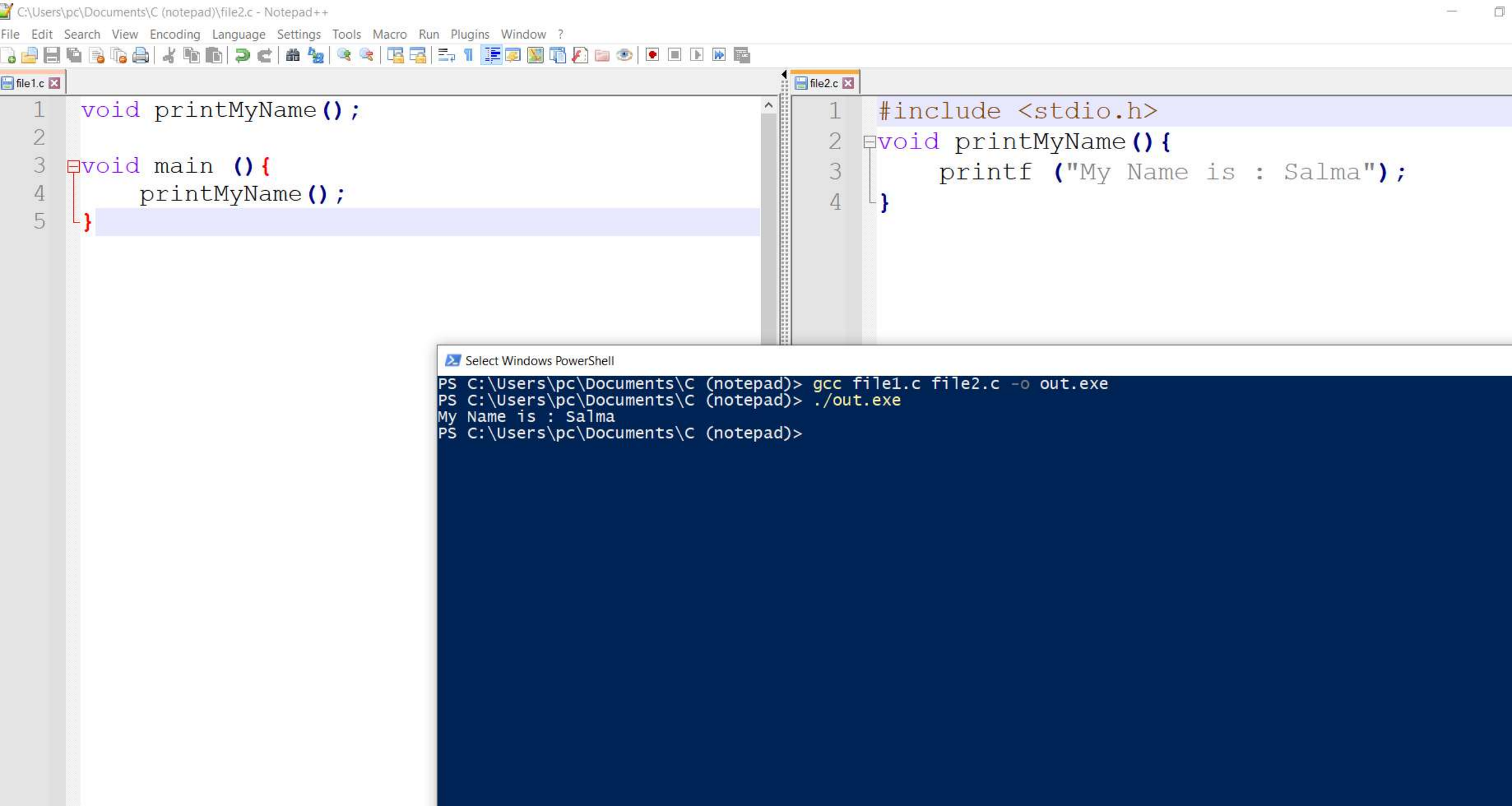
l31.c | l42.c | l41.c | l1.c

```c
#include <stdio.h>
void swap (int x, int y);

void main(){

    int n1,n2;
    printf ("X before swap = ");
    scanf(" %d",&n1);
    printf ("Y before swap = ");
    scanf(" %d",&n2);
    swap(n1,n2);

}
void swap (int x,int y){

    x = x ^ y;
    y = x ^ y;
    x = x ^ y;
    printf ("X after swap = %d\n",x);
    printf ("Y after swap = %d",y);
}
```

3

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l1.c -o l1.exe
PS C:\Users\pc\Documents\C (notepad)> ./l1.exe
X before swap = 10
Y before swap = 20
X after swap = 20
Y after swap = 10
PS C:\Users\pc\Documents\C (notepad)>
```


C:\Users\pc\Documents\C (notepad)\file2.c - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
file1.c
1 void printMyName();
2
3 void main (){
4 printMyName();
5 }
file2.c
1 #include <stdio.h>
2 void printMyName(){
3 printf ("My Name is : Salma");
4 }
Select Windows PowerShell
PS C:\Users\pc\Documents\C (notepad)> gcc file1.c file2.c -o out.exe
PS C:\Users\pc\Documents\C (notepad)> ./out.exe
My Name is : Salma
PS C:\Users\pc\Documents\C (notepad)>

C:\Users\pc\Documents\C (notepad)\l4.c - Notepad++

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

l4.c

```c
#include <stdio.h>

unsigned int factorial (int x);

void main (){
    int x;
    printf ("Enter A Number to get its Factorial : ");
    scanf (" %d",&x);
    printf ("The Factorial = %u", factorial(x));

}
unsigned int factorial (int x){
    int i=x;
    while (i>1){
    return x*factorial(x-1);
    }
    i--;
    }

```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l4.c -o l4.exe
PS C:\Users\pc\Documents\C (notepad)> ./l4.exe
Enter A Number to get its Factorial : 5
The Factorial = 120
PS C:\Users\pc\Documents\C (notepad)>
```