

How to execute C Program in linux

```
[jpandya@JMP cprog]$ pwd
/home/jpandya/cprog
[jpandya@JMP cprog]$ ll
total 8
-rw-rw-r-- 1 jpandya jpandya 247 Oct  8 16:20 testloop.c
[jpandya@JMP cprog]$ cat testloop.c
#include <stdio.h>
#include <stdlib.h>
```

```
int main()
{
    int i,j,k;
    system("clear");
    for(i=1;i<=4;i++)
    {
        for(k=1;k<=(4-i);k++)
            printf(" ");
        for(j=1;j<=i;j++)
        {
            //printf("%d",j);
            printf("%d",i);
        }
        printf("\n");
    }
    return 0;
}
```

```
[jpandya@JMP cprog]$ gcc testloop.c
[jpandya@JMP cprog]$ ./a.out
1
22
333
4444
```

```
[jpandya@JMP cprog]$ gcc testloop.c -o testl
[jpandya@JMP cprog]$ ./testl
1
22
333
4444
[jpandya@JMP cprog]$
[jpandya@JMP cprog]$
```

How to execute C++ Program

```
[jpandya@JMP cppprog]$ cat helloworld.cpp
#include <iostream.h>
int main()
{
    cout<<"Hello World\n";
    return 1;
}
[jpandya@JMP cppprog]$ g++ helloworld.cpp
[jpandya@JMP cppprog]$ ./a.out
Hello World
[jpandya@JMP cppprog]$ g++ helloworld.cpp -o hw
[jpandya@JMP cppprog]$ ./hw
Hello World
[jpandya@JMP cppprog]$
```