**C program to shutdown or turn off computer**

C Program to shutdown your computer: This program turn off i.e shutdown your computer system. Firstly it will asks you to shutdown your computer if you press 'y' the your computer will shutdown in 30 seconds, system function of "stdlib.h" is used to run an executable file shutdown.exe which is present in C:\WINDOWS\system32 in Windows XP. You can use various options while executing shutdown.exe for example -s option shutdown the computer after 30 seconds, if you wish to shutdown immediately then you can write "shutdown -s -t 0" as an argument to system function. If you wish to restart your computer then you can write "shutdown -r".

If you are using Turbo C Compiler then execute your file from folder. Press F9 to build your executable file from source program. When you run from within the compiler by pressing Ctrl+F9 it may not work.

**C programming code for Windows XP**

#include <stdio.h>

#include <stdlib.h>

main()

{

char ch;

printf("Do you want to shutdown your computer now (y/n)\n");

scanf("%c",&ch);

if (ch == 'y' || ch == 'Y')

system("C:\\WINDOWS\\System32\\shutdown -s");

return 0;

}

**C programming code for Windows 7**

#include <stdio.h>

#include <stdlib.h>

main()

{

char ch;

printf("Do you want to shutdown your computer now (y/n)\n");

scanf("%c",&ch);

if (ch == 'y' || ch == 'Y')

system("C:\\WINDOWS\\System32\\shutdown /s");

return 0;

}

To shutdown immediately use "C:\\WINDOWS\\System32\\ shutdown /s /t 0". To restart use /r instead of /s.

**C programming code for Ubuntu Linux**

#include <stdio.h>

int main() {

system("shutdown -P now");

return 0;

}

You need to be logged in as **root** user for above program to execute otherwise you will get the message *shutdown: Need to be root*,**now** specifies that you want to shutdown immediately. '-P' option specifes you want to power off your machine. You can specify minutes as:  
shutdown -P "number of minutes"  
For more help or options type at terminal: man shutdown.