

Passing *Command-Line Arguments* to Programs in Bloodshed Dev-C++

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This document explains how to pass command-line arguments to C programs being developed in the Bloodshed Dev-C++ integrated development environment (IDE). Although command-line arguments may be easily passed to console-based programs executed on a (DOS) shell window, this document describes how arguments may be passed via the Bloodshed Dev-C++ IDE.

1. These instructions are based on the example illustrated by the figure below. (The file `myprog.c` is available online at <http://www.ecst.csuchico.edu/~juliano/csci015a/Lab/Dev-C++/Sample-06/>.)

```
#include<stdio.h>

void main (int argc, char *argv[])
{
    int i;

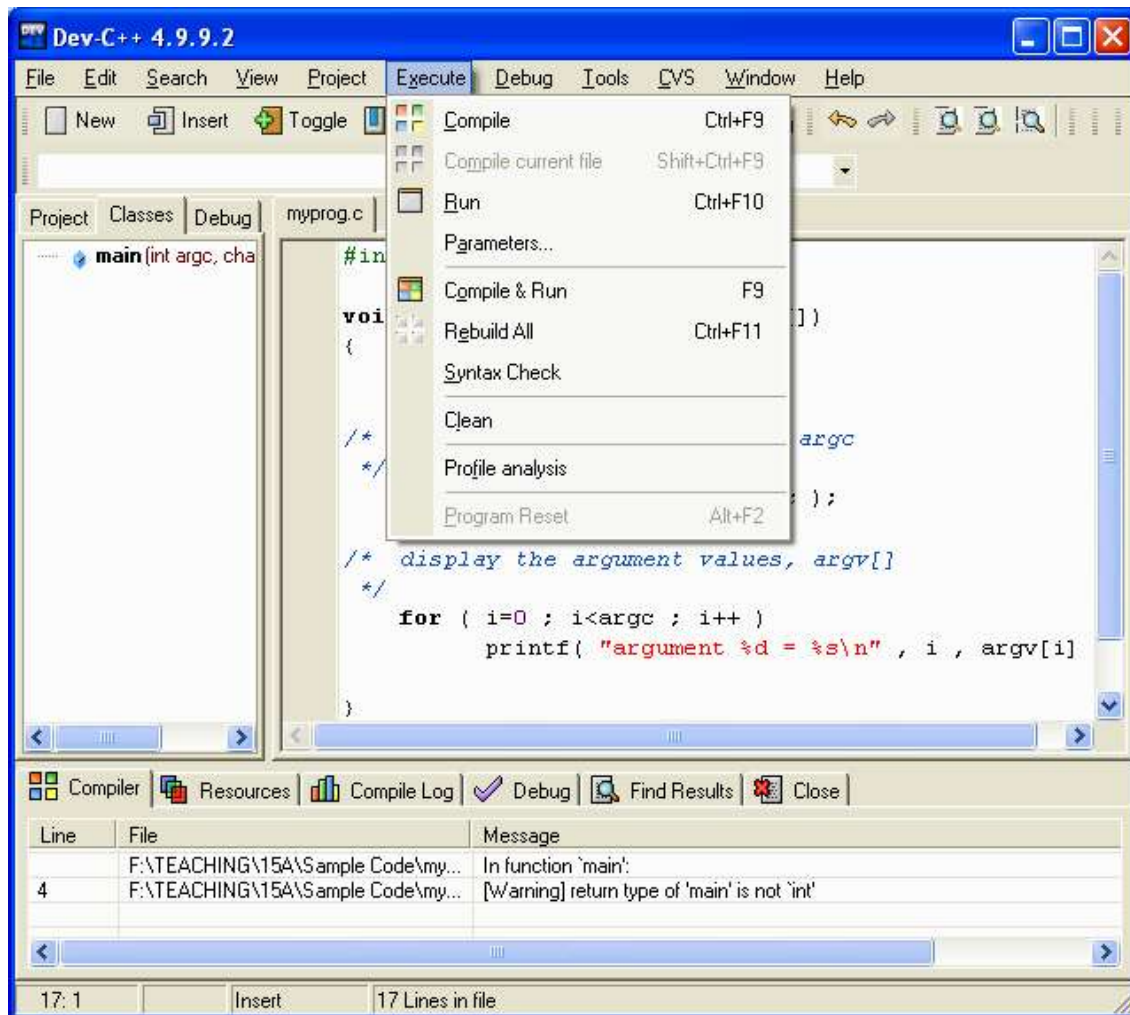
    /* display the argument count, argc
    */
    printf( "argc = %d\n" , argc );

    /* display the argument values, argv[]
    */
    for ( i=0 ; i<argc ; i++ )
        printf( "argument %d = %s\n" , i , argv[i]
    )
}
```

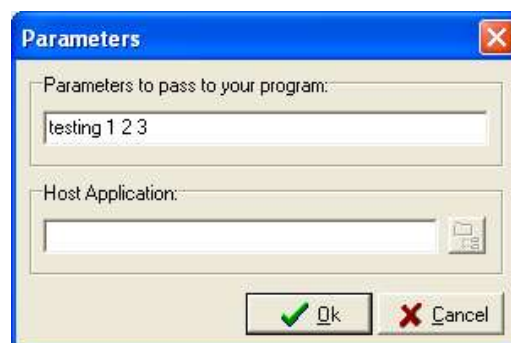
Line	File	Message
4	F:\TEACHING\15A\Sample Code\my...	In function 'main': [warning] return type of 'main' is not 'int'

17: 1 Insert 17 Lines in file

2. To pass command-line arguments to a program, click on **Execute** and select **Parameters ...**



3. A Parameters dialog box will appear (see below). Enter all command-line arguments to pass to your program in the upper text box and then click the "**Ok**" button.



4. Each time you Run your program, the parameters you specified will be passed as command-line arguments to your program.