# How to install C

There are many compilers available for c and c++. You need to download any one. Here, we are going to use **Turbo C++**. It will work for both C and C++. To install the Turbo C software, you need to follow following steps.

- 1. Download Turbo C++
- 2. Create turboc directory inside c drive and extract the tc3.zip inside c:\turboc
- 3. Double click on install.exe file
- 4. Click on the tc application file located inside c:\TC\BIN to write the c program

#### 1) Download Turbo C++ software

You can download turbo c++ from many sites. download Turbo c++

#### 2) Create turboc directory in c drive and extract the tc3.zip

Now, you need to create a new directory turboc inside the c: drive. Now extract the tc3.zip file in c:\truboc directory.

### 3) Double click on the install.exe file and follow steps

Now, click on the install icon located inside the c:\turboc



It will ask you to install c or not, press enter to install.

C:\turboc\INSTALL.EXE	- 0 ×
Turbo C++ 3.0 Installation Utility	
Copyright (c) 1992 by Borland International, Inc.	
Install Utility Welcome to the Turbo C++ 3.0 installation program. This program will install Turbo C++ on your system. You will need about 10.5 megabytes of disk space if you wish to install all available options. This includes 1 megabyte needed for workspace during the install. Press ENTER to continue, ESC to quit.	
ENTER-Continue ESC-Cancel javatpoint.com	

Change your drive to c, press c.

C:\turboc\INSTALL.EXE			- • ×
	Turbo C++ 3.0 Insta	llation Utility	
	Enter the SOURCE d	rive to use: <u>C</u>	
Enter the drive from	Descript Descript which you wish the	ion INSTALL utility to co ns the INSTALL disk.	py files.
Typically, Units 15		is the morning disk.	
ENTER-Select ESC-Ca	ncel	jav	atpoint.com

Press enter, it will look inside the c:\turboc directory for the required files.

C:\turboc\INSTALL.EXE		
	Turbo C++ 3.0 Installation Util	ity
NTURBOC	Enter the SOURCE Path	
	Description	
Enter the path to t	he directory containing the Turbo	C++ files.
ENTER-Select ESC-Ca	ncel	javatpoint.com

Select Start installation by the down arrow key then press enter.

C:\turboc\INSTALL.EXE				- 0 <b>x</b>
Т	urbo C++ 3.0 Ins	tallation Utilit	; y	
Directories Options	S [ C:\TC ] [ IDE CMD	LIB CLASS BGI HI	ELP EXMPL 1	
Start Insta	allation			
	Descui	ntion		
Selecting this option directories specified a	vill begin copyi above.	ng files to your	r hard drive	into the
F1-Help F9-Start the in	nstallation ENT	ER-Select ESC-I	Previous	

Now C is installed, press enter to read documentation or close the software.

C:\turboc\INSTALLI	EXE	
C:NICNBI Creating fil C:NICNBI	Turbo C++ 3.0 Installation Utility Turbo C++ is now installed on your system. All the necessary files have been installed onto your hard drive. If you selected Yes to installing the command-line version of the compiler a configuration file has been created for you. Make sure the line: FILES = 20 is in your CONFIG.SYS file and C:\IC\BIN is in your path. For example: PATH=C:\BIN;C:\TC\BIN	
C:\TC\BIL C:\TC\BIN Executing: C:\TC\BIN Creating file: C:\TC\BIN Any Key-Continu	UNZIP.EXE -0 C:\TC\BIN\CMDLINE C:\TC\BIN TURBOC.CFG	J

## 4) Click on the tc application located inside c:\TC\BIN

Organize 👻 📑 Open	News					
🔆 Favorites	Name	Date modified	Туре	Size		
Desktop	BUILTINS.MAK	2/18/1992 3:00 AM	MAK File	1 KB		
Downloads	CPP	2/18/1992 3:00 AM	Application	129 KB		
Secent Places	DPMI168LOVL	2/18/1992 3:00 AM	OVL File	59 KB		
	DPMIINST	2/18/1992 3:00 AM	Application	35 KB		
Libraries	DPMILOAD	2/18/1992 3:00 AM	Application	22 KB		
Documents	DPMIMEM.DLL	2/18/1992 3:00 AM	Application extens	25 KB		
J Music	DPMIRES	2/18/1992 3:00 AM	Application	6 KB		
Pictures	EMSTEST	2/18/1992 3:00 AM	MS-DOS Applicati	20 KB		
Subversion	CREP GREP	2/18/1992 3:00 AM	MS-DOS Applicati	7 KB		
Videos	GREP2MSG	2/18/1992 3:00 AM	Application	8 KB		
	MAKE	2/18/1992 3:00 AM	Application	88 KB		
Computer	MAKER	2/18/1992 3:00 AM	Application	59 KB		
Local Disk (C:)	OBJXREF	2/18/1992 3:00 AM	MS-DOS Applicati	40 KB		
Personal (D:)	PRJ2MAK	2/18/1992 3:00 AM	Application	48 KB		
Softwares (E:)	PRJCFG	2/18/1992 3:00 AM	Application	34 KB		
- Fun (F:)	DPICE P	2/18/1992 3:00 AM	Application	17 KB		
	TASM2MSG	2/18/1992 3:00 AM	Application	9 KB		
Network	TC TC	2/18/1992 3:00 AM	Application	1,234 KB		
	R TC	2/18/1992 3:00 AM	Shortcut to MS-D	1 KB		
	TC0000.SWP	1/2/2014 3:54 PM	SWP File	0 KB		
		2/18/1992 3:00 AM	Application	529 KB		
	TCHELP.TCH	2/18/1992 3:00 AM	TCH File	1,458 KB		
	TDUMP	2/18/1992 3:00 AM	Application	95 KB		
	I TEMC	2/18/1992 3:00 AM	Application	43 KB		
	THELP.CFG	1/2/2014 3:51 PM	CFG File	1 KB		
	THELP	2/18/1992 3:00 AM	MS-DOS Applicati	11 KB		

Now double click on the tc icon located in c:\TC\BIN directory to write the c program.

In windows 7 or window 8, it will show a dialog block to ignore and close the application because fullscreen mode is not supported. Click on Ignore button.

Now it will showing following console.

🚮 Turbo C++ IDE				- • ×
≡ File Edit	Search Run Com	pile Debug P NONAME00.CPP	roject Options	Window Help
				â
	=			Ľ_c
F1 Help F2 Save	F3 Open Alt-F	9 Compile F9	Make F10 Menu	



#### In the above flow diagram, the following steps are taken to execute a program:

- Firstly, the input file, i.e., hello.c, is passed to the preprocessor, and the preprocessor converts the source code into expanded source code. The extension of the expanded source code would be hello.i.
- The expanded source code is passed to the compiler, and the compiler converts this expanded source code into assembly code. The extension of the assembly code would be **hello.s.**
- This assembly code is then sent to the assembler, which converts the assembly code into object code.
- After the creation of an object code, the linker creates the executable file. The loader will then load the executable