1. Wejdź na stronę <u>http://www.codeblocks.org/downloads/binaries</u> i pobierz plik instalacyjny z kompilatorem MinGW C++: *codeblocks-17.12mingw-setup.exe* 

Plik ten zawiera:

• G++

- GCC (GNU C Compiler) kompilator języka C
  - (GNU C++ Compiler) kompilator języka C++
- GDB (GNU Project Debugger) debugger

₽ C	ode::Blocks Code::Blocks - The IDE with all the features	you need, having a consistent look, feel and operati	on across platforms.
Home Features	Downloads Forums Wiki		
Main	Please select a setup package depending on your platform:		
<ul> <li>Home</li> <li>Features</li> <li>Screenshots</li> <li>Downloads         <ul> <li>Binaries</li> <li>Changelog</li> <li>Source</li> <li>SVN</li> <li>Plogins</li> <li>User manual</li> <li>Licensing</li> <li>Donations</li> </ul> </li> </ul>	Windows XP / Vista / 7 / 8.x / 10     Linux 32 and 64-bit     Mac OS X NOTE: For older OS'es use older releases. There are releases for many OS version and platform NOTE: There are also more recent nightly builds available in the forums or (for Debian and Fede NOTE: We have a Changelog for 17.12, that gives you an overview over the enhancements an Windows XP / Vista / 7 / 8.x / 10:	ns on the Sourceforge.net page. ora users) in Jens' Debian repository and Jens' Fo d fixes we have put in the new release.	edora repository. Please note that we consic
Quick links	File	Date	Dow
• FAQ	codeblocks-17.12-setup.exe	30 Dec 2017	FossHUB or Sourceforge.net
Wiki     Forums	codeblocks-17.12-setup-nonadmin.exe	30 Dec 2017	FossHUB or Sourceforge.net
<ul> <li>Forums (mobile)</li> <li>Nightlies</li> </ul>	codoblacke 17.12 nacetup zip	30 Dec 2017	EoreHUB or Sourceforge pot
<ul> <li>Ticket System</li> <li>Browse SVN</li> </ul>	codeblocks-17.12mingw-setup.exe	30 Dec 2017	FossHUB or Sourceforge.net
<ul> <li>Browse SVN log</li> </ul>	codeblocks-17.12mingw-nosetup.zip	30 Dec 2017	FossHUB or Sourceforge.net
GPI\ 3	codeblocks-17.12mingw_fortran-setup.exe	30 Dec 2017	FossHUB or Sourceforge.net
built with wx Widgets	NOTE: The codeblocks-17.12-setup exe file includes Code::Blocks with all plugins. The codeblocks-17.12mingw-setup.exe file includes additionally the GCC/G++ compiler (TDM-GCC).	ocks-17.12-setup-nonadmin.exe file is provided for c and GDB debugger from TDM-GCC (version 5.1.0, 3	onvenience to users that do not have administi 32 bit, SJLJ). The codeblocks-17.12mingw_fort

2. Uruchom plik instalacyjny i dokończ instalację z domyślnymi ustawieniami.

Code::Blocks Installation		—		×
Choose Components Choose which features of CodeBlocks you want to install.				
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.				
Select the type of install:	Full: All plugins, all tools, just everythi	ng		$\sim$
Or, select the optional components you wish to install:	Oefault install     Ocntrib Plugins     C::B CBP2Make     C::B CC Test     C::B Share Config     C::B Launcher  Description			<b>^</b>
Space required: 253.4 MB	Position your mouse over a compone description,	nt to see i	ts	
Nullsoft Install System v3.02.1 —	< Back Nex	ct >	Can	cel



3. Po zainstalowaniu i uruchomieniu zobaczymy ekran startowy.

4. Wybierz typ nowego projektu Console application, a następnie kliknij Go.

Files Custom User templates	^	Cancel
User templates ARM Project AVR Project Arduino Project		
Code::Biocks plugin Console application D application		
Direct/X project Dynamic Link Library Empty project		View ac
Fire 🖏 🖏		Large icons
FLTK project Fortran DLL Fortran application	4	Ulst
TIP: Try right-clicking an item		

🚮 Console	Welcome to the new console application wizard! This wizard will guide you to create a new console application. When you 're ready to proceed, please click "Next"
	☐ Skp tills page next time
	< Back Next > Cancel
Console application	×
Console	Please select the language you want to use.  Please make a selection  C C C++
	< Back Next > Cancel

Podczas pierwszego uruchomienia, wskaż folder w którym będą zapisywane projekty.

Console application		×
🐻 Console	Please select the folder where you want the new project to be created as well as its title.	
	Project title: 001	
	Folder to create project in:	
	C: \Users \Biblioteka \Documents \C++	
	Project filename:	
	001.cbp	
	Resulting filename:	
	C:\Users\Biblioteka\Documents\C++\001\001.cbp	
	< Back Next > Cance	I

Console application		×
🐻 Console	Please select the compiler to use and which configurations you want enabled in your project.	
	Compiler:	
	GNU GCC Compiler 🗸 🗸	
	Create "Debug" configuration: Debug	
	"Debug" options	
	Output dir.: bin\Debug	
	Objects output dir.: obj\Debug	
	Create "Release" configuration: Release	
	Output dir.: bin\Release	
	Objects output dir.: obj\Release	
	< Back Finish Cancel	

**5.** Projekt uruchomi się z przykładowym kodem, który jedyne co potrafi, to wyświetlić krótki napis "**Hello world**".



6. Aby uruchomić program należy w menu Build wybrać Build and Run (F9)



(codeblocks-17.12-nosetup.zip)

## CodeBlocks bez instalacji

- 1. Pobieramy pliki
  - CodeBlocks
     <a href="http://www.codeblocks.org/downloads/binaries">http://www.codeblocks.org/downloads/binaries</a>
  - MinGW-w64 (for 32 and 64 bit Windows) <u>https://sourceforge.net/projects/mingw-w64/files/</u> (x86\_64-win32-seh)
- 2. Tworzymy folder np. CodeBlocks i rozpakowujemy do niego pobrane pliki



3. Uruchamiamy plik CbLauncher.exe

elect you favourite default compiler here				
Compiler	Status	^	Set as de	afau
GNU GCC Compiler	Not found			
Microsoft Visual C++ Toolkit 2003	Not found			
Microsoft Visual C++ 2005/2008	Not found			
Microsoft Visual C++ 2010	Not found			
Borland C++ Compiler (5.5, 5.82)	Not found			
Digital Mars Compiler	Not found			
OpenWatcom (W32) Compiler	Not found			
Cygwin GCC	Not found			
LCC Compiler	Not found			
Intel C/C++ Compiler	Not found			
Small Device C Compiler	Not found			
Tiny C Compiler	Not found			
LLVM Clang Compiler	Not found	~		

Po uruchomieniu pliku, okazuje się że CodeBlocks nie znajduje kompilatora. Ignorujemy to i przechodzimy dalej. Naprawimy to po uruchomieniu programu CodeBlocks.

**4.** Po uruchomieniu programu CodeBlocks zmieniamy ustawienia: **Settings / Compiler** zaznaczamy flagą standard języka C++, najlepiej najnowszy.

proroctingo	
	Global compiler settings
	Selected compiler
Sal	GNU GCC Compiler
5	Set as default Copy Rename Delete Reset defaul
	Complex settings
Global compiler settings	Compiler settings Linker settings Search directories Toolchain executables Custom Variables Build options Other settings
	Policy:
Name and Address	
	Compiler Flags Other compiler options Other resource compiler options #defines
	General
	Have g++ follow the 1998 ISO C++ language standard [-std=c++98]
Profiler settings	Have g++ follow the C++11 ISO C++ language standard [+std=c++14]
	Have g++ follow the coming C++0v (aka c++11) ISO C++ language standard [-std=c++0v]
	Have g++ follow the coming C++1v (aka C++14) ISO C++ language standard [-std=c++1v]
M.	Have g++ follow the coming C++1z (aka C++17) ISO C++ language standard [-std=c++1z]
	Have gcc follow the 1990 ISO C language standard (certain GNU extensions that conflict with ISO
	Have gcc follow the 1999 ISO C language standard [-std=c99]
	Have gcc follow the 2011 ISO C language standard [-std=c11]
Batch builds	In C mode, this is equivalent to -std=c90, in C++ mode, it is equivalent to -std=c++98 [-ansi]
	Position Independent Code [-fPIC]
	Static libgcc [-static-libgcc]
	Static liketde++ [-etatic-liketde++]
	NOTE: Right-click to setup or edit compiler hags.

 W tym samym oknie Ustawień, zmieniamy zakładkę na Toolchain executables i zmieniamy ścieżkę kopilatora, na ścieżkę do naszego folderu CodeBlocks do folderu mingw64, np. C:\Users\Student\Desktop\CodeBlocks\mingw64

Compiler settings		- D X	
	Glol	bal compiler settings	
	Selected compiler		
500	GNU GCC Compiler	~	
		Set as default Copy Rename Delete Reset defaults	
Global compiler settings	Compiler settings Linker set	ttings Search directories Toolchain executables Custom variables Build options Other settings	
	Compiler's installation direc	ictory	
inter la	C:\Users\Student\Deskto	top\CodeBlocks\mingw64 Auto-detect	
	NOTE: All programs must	st exist either in the "bin" sub-directory of this path, or in any of the "Additional paths"	
	Program Files Additional Paths		
Profiler settings	C compiler:	gcc.exe	
	C++ compiler:	g++.exe	
<u></u>	Linker for dynamic libs:	g++,exe	
	Linker for static libs:	ar.exe	
Batch builds	Debugger:	GDB/CDB debugger : Default 🗸	
	Resource compiler:	windres.exe	
	Make program:	mingw32-make.exe	
		OK Cancel	

Zmieniamy pliki komplitaora C / C++ oraz linkera na takie jak na obrazku.

6. Zamykamy okno ustawień i możemy przejść do tworzenia programu oraz jego kompilacji.