Introdução a Computação

Aula 04 – Introdução ao Microsoft Visual Studio 2010

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Abrindo o Visual Studio

(1) Execute o Visual Studio 2010.

Start \rightarrow All Programs \rightarrow Microsoft Visual Studio 2010 \rightarrow Microsoft Visual Studio 2010.





Abrindo o Visual Studio

(2) Na primeira vez que você utilizar o Visual Studio, aparecerá a janela abaixo. Selecione a opção Visual C++ Development Settings e pressione o botão Start Visual Studio.

VISUAI STUDIO 2010 Profe	2210151
Before you begin using the application for activity you engage in the most, such as V predefined collection of settings to the de development activity.	r the first time, you need to specify the type of development lisual Basic or Visual C#. This information is used to apply a velopment environment that is designed for your
ou can choose to use a different collection moort and Export Settings and then choo	on of settings at any time. From the Tools menu, choose se Reset all settings.
hoose your default environment settir	igs:
Choose your default environment settin General Development Settings Project Management Settings Visual Basic Development Settings Visual C# Development Settings	Description: Equips the environment with the tools necessary to develop native and managed C++ applications. This collection of settings also contains Visual C++ 6 style
Choose your default environment settir General Development Settings Project Management Settings Visual Basic Development Settings Visual C# Development Settings	Description: Equips the environment with the tools necessary to develop native and managed C++ applications. This collection of settings also contains Visual C++ 6 style keyboard shortcuts, among other customizations.
Choose your default environment settin General Development Settings Project Management Settings Visual Basic Development Settings Visual C# Development Settings Visual C# Development Settings Visual F# Development Settings Web Development Web Development (Code Only)	Description: Equips the environment with the tools necessary to develop native and managed C++ applications. This collection of settings also contains Visual C++ 6 style keyboard shortcuts, among other customizations.



(3) Na janela seguinte, selecione a opção File → New → Project.

e Edit View Debug	Team Data Tools	Test Window Help		
New	•	Project	Ctrl+Shift+N	-
Open	•	💊 Web Site	Shift+Alt+N	
Close		📆 Team Project		
Close Solution		D File	Ctrl+N	
Save Selected Items	Ctrl+S	Project From Existing Co	ode	
Save Selected Items As				
Save All	Ctrl+Shift+S		1 manufactor and the second	
Export Template		apert To Team Foundation Ser	Get Started Guidance	e and Resources Latest News
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Print	Ctrl+P	en Project	Contraction of the second	What's New in Visual Studio 2010
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(4) No lado esquerdo da janela New Project que será aberta, em Installed Templates, selecione a opção Visual C++ e a sub-opção Win32. No centro da janela, selecione a opção Win32 Console Application.

New Project	et asis (wild)		2 ×	
Recent Templans	NET Economitik + Start by Default	• 🔳 💷	Search Installed Templates	
Installed Template	Win32 Console Application	Visual C++	Type: Visual C++	
ATL CLR General MFC Test Win32 Other Langunge Other Project Ty Database Test Projects Online Templates	s pes	Visual C++	application	
<u>N</u> ame:	projeto01			
Tocation:	ur/projetos	•	Diowse	
Solution:	Create new solution	•		
Solution name:	projeto01		Create directory for solution Add to source control	
			OK Cancel	



- (5) Especifique o nome do projeto no campo Name.
- (6) Especifique o local onde será gravado o seu projeto no campo Location.





(7) Na janela seguinte (Win32 Application Wizard), pressione Next.

Welc	ome to the Win32 Application Wizard
Overview Application Settings	These are the current project settings: • Console application Click Finish from any window to accept the current settings. After you create the project, see the project's readme.txt file for information about the project features and files that are generated.
	<pre></pre>



(8) Na janela seguinte, em Additional options, marque a opção Empty Project. Em seguida, pressione Finish.

G:N_	ation Settings	
Overview Application Settings	Application type: (a) <u>Windows application</u> (a) Console application (b) DLL (c) Static library Additional options: (c) Empty accurct (c) Completed header	Add common header files for: ATI. MFC
	< Previous	Next > Finish Cancel



(9) O seu projeto foi criado. Agora é necessário criar o programa em si. Clique com o botão da direita em
 Source Files, selecione Add e, em seguida, New Item.





(10) No lado esquerdo da janela seguinte (Add New Item), selecione Code. No lado direito, selecione C++ File (.cpp). Na parte inferior, no campo Name, digite o nome do programa. Em seguida, pressione Add.

nstalled Templates	Sort By: Default		Search Instailed Templates
Visual C++	C++ File (.cpp)	Visual C++	Visual C++ Type: Visual C++ Visual C++ Creates a file containing C++ source code Visual C++ Visual C++ Visual C++ Visual C++
Code	h Header File (,h)	Visual C++	
Web	Midi File (.idi)	Visual C++	
Property Sheets	Module-Definition File (.def)	Visual C++	
	Component Class	Visual C++	
	Installer Class	Visual C++	
james program	1001		
ocation: ut\proje	tas\projeta01\projeta01\	*	Browse



(11) Na editor principal, digite o programa mostrado na imagem abaixo (exatamente como está na imagem).





- (12) Salve o programa: menu File, opção Save All.
- (13) Compile o programa: menu Build, opção Build Solution.
- (14) Verifique os erros de compilação que apareceram.

100 % - 4
Output
Snow output from: Build Image: Solution in the started in the starte
<pre>1> Programa01.cpp 1>c:\users\edirlei\desktop\testeprog\projeto01\projeto01\programa01.cpp(6): error C2143: syntax error : missing ';' before 'return' 1>c:\users\edirlei\desktop\testeprog\projeto01\projeto01\programa01.cpp(5): error C3861: 'print': identifier not found ====================================</pre>
▲
📸 Error List 🧧 Output 🚜 Find Symbol Results



- error C2143: syntax error : missing ';' before 'return'
 - Está faltando um `;' antes do `return'.
- @ error C3861: 'print': identifier not found
 - O comando 'print' não foi reconhecido. O correto é 'printf'.

```
#include <stdio.h>
int main(void)
{
    printf("Ola mundo!");
    return 0;
}
```



- (15) Corrija os erros de compilação que apareceram.
- (16) Compile novamente o programa: menu Build, opção Build Solution.
- (17) Se mais nenhum erro aparecer, execute o programa: selecione no menu Debug a opção Start without Debugging.





(18) Em seguida, aparecerá uma tela escura com a saída gerada pelo seu programa. Ao final, pressione qualquer tecla para fechá-la e retornar à tela de edição do programa.

