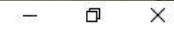


Dev-C++

```
#include <stdio.h>
int main () {
    printf ("Hello World!\n");
    return 0;
}
```

1. Abrir o Dev-C++;
2. Criar um novo arquivo:
 - Ctrl-N ou
 - File -> New -> Source File
3. Editar livremente;

Untitled2 - Dev-C++ 5.11



File Edit Search View Project Execute Tools AStyle Window Help



(globals)

Project Classes Debug

Untitled2

1

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 0 Length: 0 Insert

4. Salvar o arquivo:

- Escolher o local (criar uma pasta nova se for o caso);
- Escolher um nome para o arquivo;
- Salvar com a extensão “.c” de “C Source File”;

Save As



Save in:

ex1




Quick access


Desktop


Libraries


This PC


Network

Name	Date modified	Type	Size
No items match your search.			

File name:

ex1

Save as type:

C source files (*.c)

Save

Cancel

5. Compilar o arquivo:

- Digitar F9, ou
- Clicar no ícone correspondente, ou
- Execute -> Compile;

6. Aguardar o resultado (sem erros);

```
1 #include <stdio.h>
2 int main () {
3     printf ("Hello World!\n");
4     return 0;
5 }
```

About Compilation

Compiling single file...

- Filename: C:\Users\Marcus Ramos\Documents\UNIVASF\Engenharia de Computação\Disciplinas\ap-2019-2\slides\06 Dev-C++\ex1\ex1.c
- Compiler Name: TDM-GCC 4.9.2 64-bit Release

Processing C source file...

- C Compiler: C:\Program Files (x86)\Dev-Cpp\MinGW64\bin\gcc.exe
- Command: gcc.exe "C:\Users\Marcus Ramos\Documents\UNIVASF\Engenharia de Computação\Disciplinas\ap-2019-2\slides\06 Dev-C++\ex1\ex1.c" -o "C:\User

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Marcus Ramos\Documents\UNIVASF\Engenharia de Computação\Disciplinas\ap-2019-2\slides\06 Dev-C++\ex1\ex1.exe
- Output Size: 127,9296875 KiB
- Compilation Time: 18,98s

7. Em caso de erros, repetir o ciclo:

Editar/Salvar/Compilar até eliminar todos os erros;

8. Executar o programa compilador:

- Digitar F10, ou
- Clicar no ícone correspondente, ou
- Execute -> Execute;

9. Aguardar o resultado numa janela separada;

C:\Users\Marcus Ramos\Desktop\ex1\ex1.exe



Hello World!

Process exited after 11.9 seconds with return value 0
Press any key to continue . . .

10. Verifique os arquivos gerados até o momento:

- Extensão “.c” (fonte)
- Extensão “.exe” (objeto, executável);

11. Tente executar o objeto diretamente, clicando duas vezes sobre ele;

12. O que acontece?

File Explorer window titled "ex1".

Navigation pane (left):

- ex1
- Casa Design
- Comprovantes não-arquivados
- slides-2019-09-27 (regular)
- Sobradinho 3
- OneDrive
- This PC
 - 3D Objects
 - Desktop
 - Documents
 - Downloads
 - Music
 - Pictures

2 items

Command bar (top):

- File
- Home
 - Clipboard
 - Pin to Quick access
 - COPY
 - Paste
 - Cut
 - Copy path
 - Paste shortcut
 - Organise
 - Move to
 - COPY
 - Delete
 - Rename
 - New
 - New folder
 - New item
 - Easy access
 - Open
 - Properties
 - Open
 - Edit
 - History
 - Select
 - Select all
 - Select none
 - Invert selection

Address bar: ex1

Search: Search ex1

Name	Date modified	Type	Size
ex1	28/09/2019 10:48	C Source File	1 KB
ex1	28/09/2019 10:48	Application	128 KB

13. Acrescente as linhas abaixo e tente novamente:

- `#include <stdlib.h>`
- `System ("pause");`

14. O que você observa agora?

C:\Users\Marcus Ramos\Desktop\ex1\ex1.c - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

[*] ex1.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 int main () {
4     printf ("Hello World!");
5     system ("pause");
6     return 0;
7 }
```

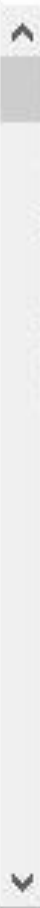
Compiler (1) Resources Compile Log Debug Find Results

Line: 2 Col: 9 Sel: 0 Lines: 7 Length: 118 Insert Done parsing in 0,016 seconds

C:\Users\Marcus Ramos\Desktop\ex1\ex1.exe



```
Hello World!  
Press any key to continue . . .
```



15. Acrescente as linhas abaixo e tente novamente:

- `#include <stdlib.h>`
- `System ("pause");`

16. Desligue o computador:

- Saia do Dev-C++;
- Copie ou envie os seus programas.