



[ISCTE-IUL-LICENCIATURA EM INFORMÁTICA]

[ETI, LEI, IGE]



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## PROGRAMAÇÃO:

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## Multi Linguagens: Programação

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...



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## Chapter 1

# How To Print on CONSOLE

Print in C:

- `printf("//...");`

Print in JAVA:

- `system.out.println("//...");`
- 

Good Programming:

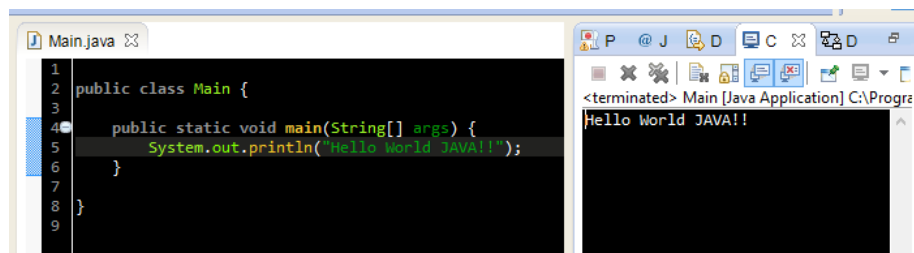
- JAVA: classes are always written with first letter in capital letter.
- C: as you wish. There is no difference.

Guide written by and for:  
Americo Tomas, DCTI - ISCTE IUL

## 1.1 Java - HelloWorld.java

```
public class HelloWorld {  
  
    public static void main(String[] args) {  
  
        /* Display message Welcome to Java! to the console */  
  
        System.out.println("Hello World JAVA!");  
  
    }  
  
}
```

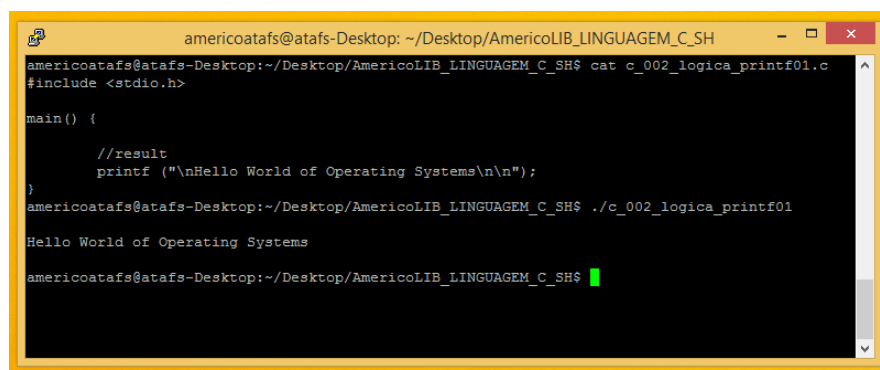
FIGURE 1.1: Example: program HelloWorld JAVA



## 1.2 C - helloWorld.c

```
#include <stdio.h>  
  
int main() {  
  
    /* Display message Welcome to C to the console */  
  
    printf("Hello World C!");  
  
}
```

FIGURE 1.2: Example: program helloWorld C



### 1.3 C++ - helloWorld.cpp

```
#include< iostream >

using namespace std;

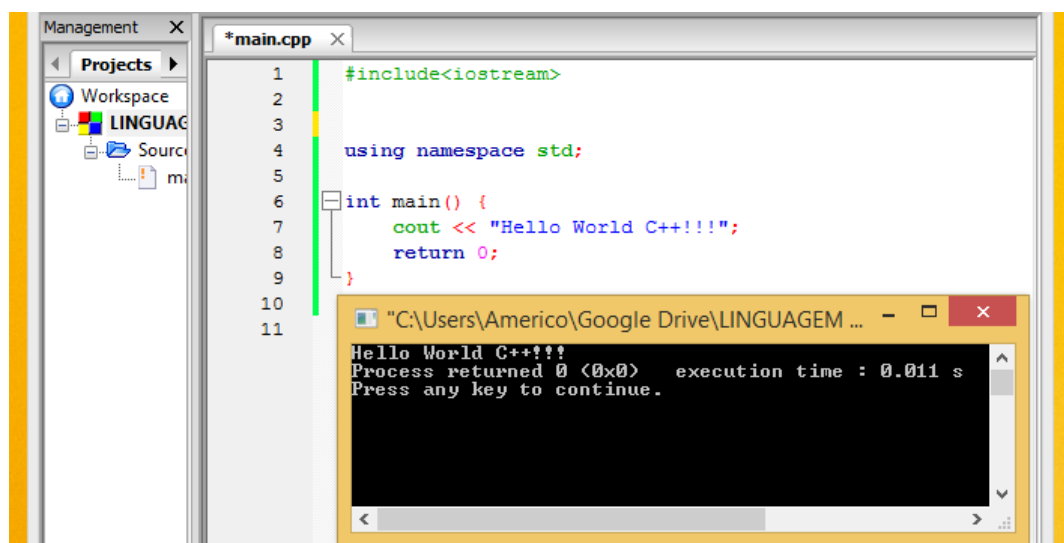
int main() {

    cout << "Hello World C++!!!";

    return 0;

}
```

FIGURE 1.3: Example: program helloWorld C++



## 1.4 C# - helloWorld.cs

FIGURE 1.4: Example: program helloWorld C#

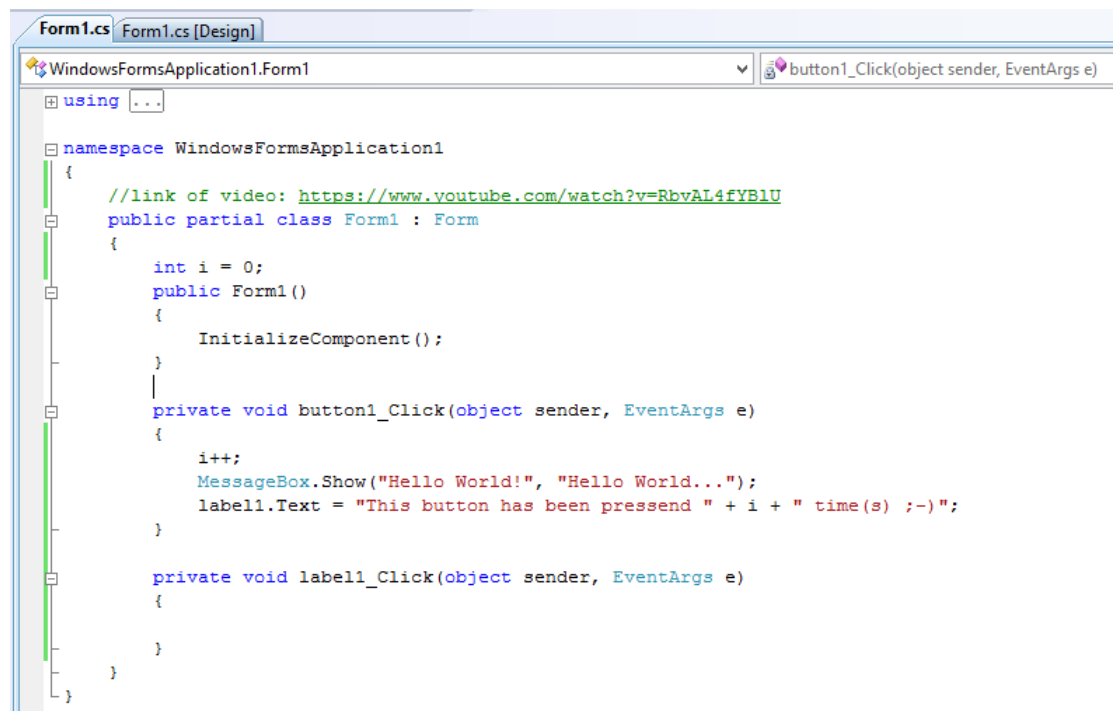
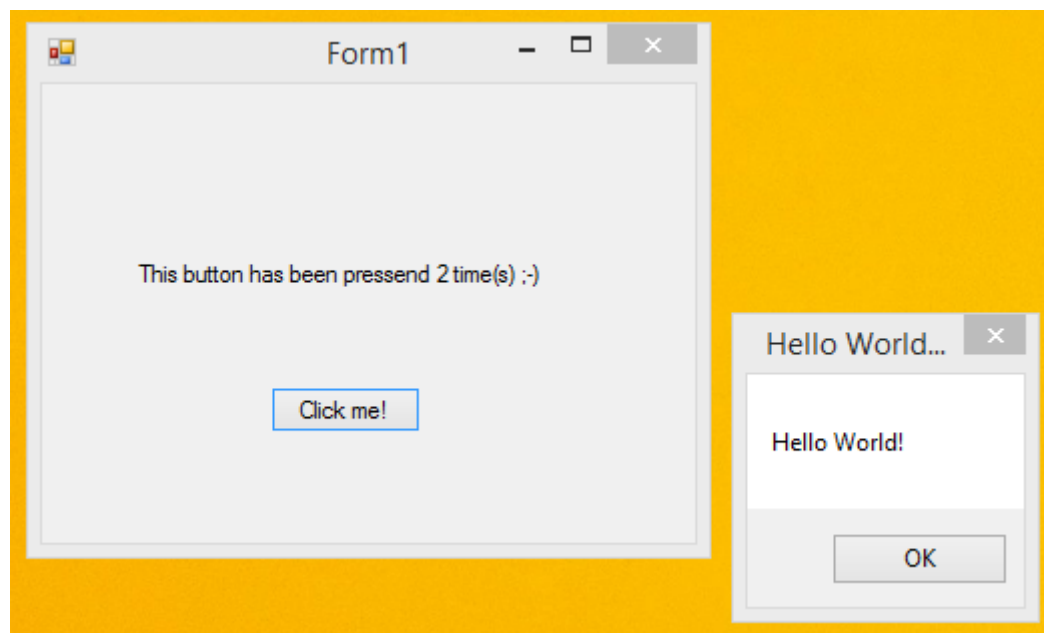


FIGURE 1.5: Example: program helloWorld C#





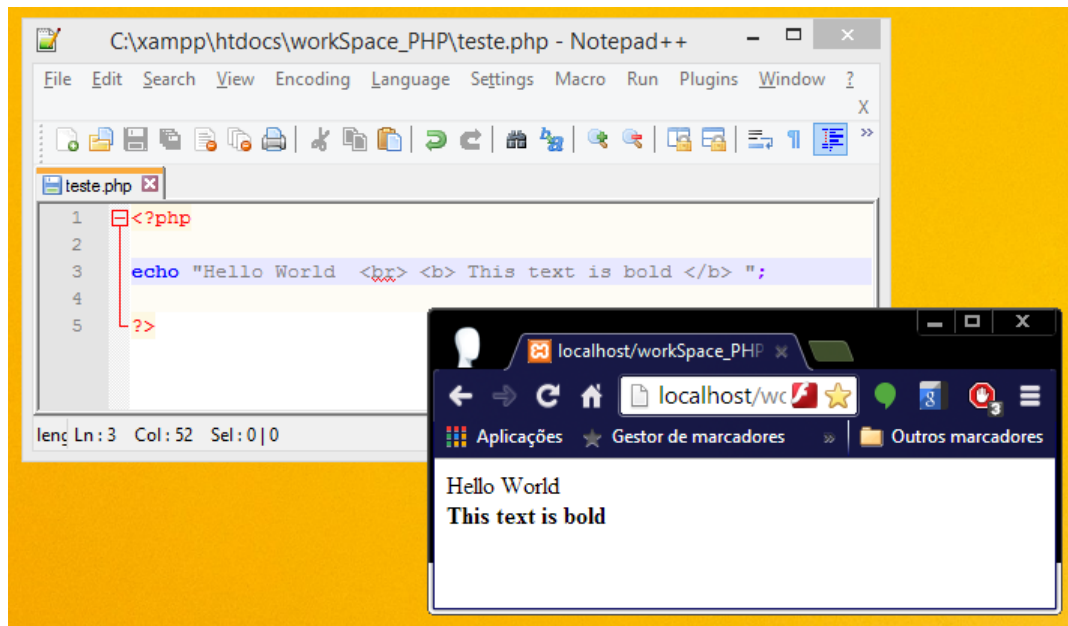
## 1.5 PHP - helloWorld.php

```
<?php
```

```
echo "Hello World <br><b> This text is bold </b> ";
```

```
?>
```

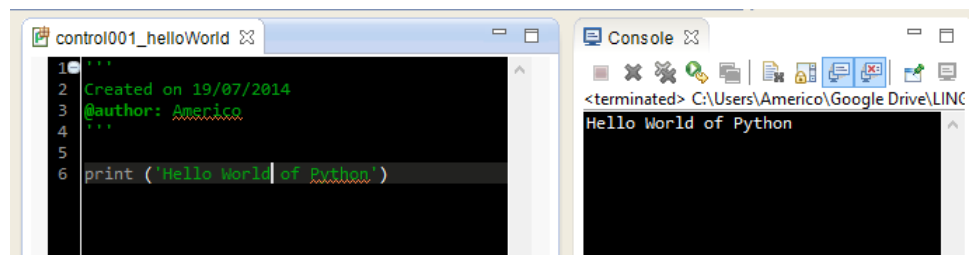
FIGURE 1.6: Example: program helloWorld PHP



## 1.6 Phython - helloWorld.py

```
print('Hello World of Python')
```

FIGURE 1.7: Example: program helloWorld Python



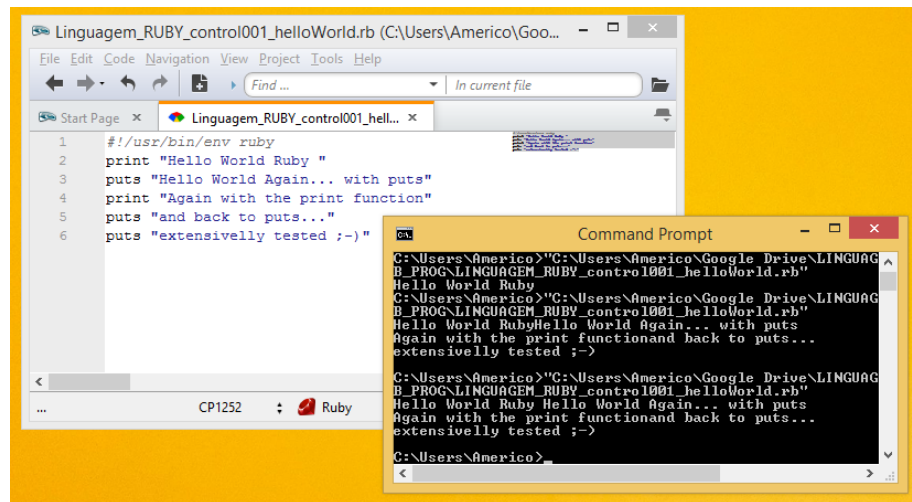
## 1.7 Ruby - helloWorld.rb

```
#!/usr/bin/env ruby
```

```
print "Hello World Ruby"
```

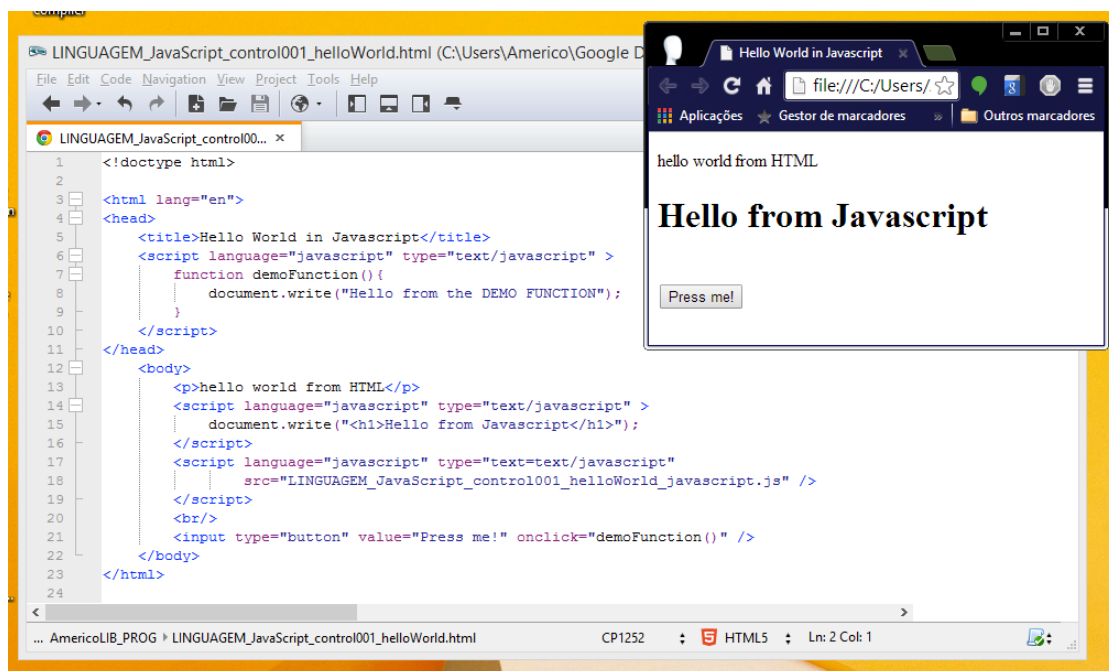
```
puts "Hello World Again... with puts"
```

FIGURE 1.8: Example: program helloWorld Ruby



## 1.8 Javascript - helloWorld.html

FIGURE 1.9: Example: program helloWorld Javascript



## 1.9 Perl - helloWorld.pl

```
#variaveis#  
  
$variable = "Ola Mundo";  
  
print $variable;  
  
$variable = "Estou a mudar o valor";  
  
print $variable;
```

FIGURE 1.10: Example: program helloWorld Perl

