

# Hello World *pre-release 0.1*

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## Contents

1	hello.cpp	1
2	hello.py	1
3	hello.hs	1
4	hello.java	1
5	hello.m	2

## 1 hello.cpp

```
1 #include <iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     cout << "Hello World!" << endl;
8     return 0;
9 }
```

## 2 hello.py

```
1 def main():
2     print("Python", 3, "Hello World!")
3
4
5 if __name__ == "__main__":
6     main()
```

## 3 hello.hs

```
1 main :: IO ()
2 main = putStrLn "Hello, World!"
```

## 4 hello.java

```
1 class HelloWorld
2 {
3     // Your program begins with a call to main().
4     // Prints "Hello World!" to the terminal window.
5     public static void main(String args[])
6     {
7         System.out.println("Hello World!");
8     }
9 }
```

## 5 hello.m

```
1 function [r, theta] = hello(m, n)
2 % hello - Just for test
3 %
4 % Syntax: [r, theta] = hello(m, n)
5 %
6 % get random (r, theta) from random points (x, y)
7     printf('Hello World!')
8     x = rand(6, 6); y = rand(6, 6);
9     r = sqrt(a .* a + b .* b);
10    theta = atan2(b, a);
11 end
```