

Thirty-Nine Ways to "Hello World"

Ada

```
with Text_IO; use Text_IO;
procedure hello is
begin
  Put_Line("Hello World");
end hello;
```

APL

```
'Hello World'
```

Bash

```
echo "Hello World"
```

BASIC for QBasic

```
PRINT "Hello World"
```

Brainf**k

```
-[----->+<]>.-[->++++<]>+..
+++++. .+++.[---->+<]>-----.
---[->++++<]>.-[->+<]>----.
+++-----.-----.
```

C

```
#include <stdio.h>

int main(void) {
  printf("Hello World\n");
  return 0;
}
```

Old-Style COBOL for GnuCOBOL

```
IDENTIFICATION DIVISION.
PROGRAM-ID. hello.
PROCEDURE DIVISION.
  DISPLAY "Hello World".
  STOP RUN.
```

Modern-Style COBOL for GnuCOBOL

```
identification division.
program-id. hellonew.
procedure division.
display
  "Hello World"
end-display
goback.
```

Common Lisp

```
(format t "Hello World~%")
```

C++

```
#include <iostream>

int main() {
  std::cout << "Hello World\n";
}
```

C# 8

```
using System;

class Program {
  static void Main() {
    Console.WriteLine("Hello World");
  }
}
```

C# 9

```
using System;

Console.WriteLine("Hello World");
```

D

```
import std.stdio;
void main()
{
  writeln("Hello World");
}
```

Dart

```
void main() {
  print("Hello World");
}
```

Erlang

```
-module(hello).
-export([hello_world/0]).
```

```
hello_world() -> io:fwrite("Hello World\n").
```

FORTRAN 77

```
PROGRAM hello77
  WRITE(*,*) "Hello World"
END
```

Fortran 95

```
program hello95
  write(*,*) "Hello World"
end
```

Go

```
package main

import "fmt"

func main() {
  fmt.Println("Hello World")
}
```

Haskell

```
main :: IO ()
main = putStrLn "Hello World"
```

Hello by Anne Veling

```
h
```

Java before JEP 445

```
public class HelloWorldClass {
  public static void main(String[] args) {
    System.out.println("Hello World");
  }
}
```

Java after JEP 445

```
void main() {
  System.out.println("Hello World");
}
```

JavaScript (is also valid TypeScript)

```
console.log("Hello World");
```

Julia

```
println("Hello World")
```

Kotlin

```
fun main() {
  println("Hello World")
}
```

Lua

```
print("Hello World")
```

Mojo

```
print("Hello World")
```

Nim

```
echo("Hello World")
```

Objective-C

```
#import <Foundation/Foundation.h>

int main(int argc, const char * argv[]) {
  @autoreleasepool {
    NSLog(@"Hello World\n");
  }
  return 0;
}
```

PHP (PHP CLI)

```
<?php echo "Hello World\n"; ?>
```

PowerShell

```
Write-Host 'Hello World'
```

Python 2

```
print "Hello World"
```

Python 3

```
print("Hello World")
```

R

```
print ("Hello World")
```

Racket

```
#lang racket/base
"Hello World"
```

Ruby

```
puts 'Hello World'
```

Rust

```
fn main() {
  println!("Hello World");
}
```

Smalltalk

```
Transcript show: 'Hello World'.
```

Swift

```
print("Hello World")
```