

Node.js

```
In [1]: %%writefile Program.js
var process = require("process");

class Program {
    main(args) {
        console.log("Hello World!");
    }
}

(new Program()).main(process.argv);
```

Writing Program.js

```
In [2]: %%cmd
node Program.js
```

Microsoft Windows [Version 10.0.19042.985]
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C:\Users\onecklam\Desktop\Test>node Program.js
Hello World!

C:\Users\onecklam\Desktop\Test>

Java

```
In [3]: %%writefile Program.java
public class Program {
    public static void main(String[] args) {
        System.out.println("Hello World!");
    }
}
```

Writing Program.java

```
In [4]: %%cmd
javac *.java && java Program
```

Microsoft Windows [Version 10.0.19042.985]
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C:\Users\onecklam\Desktop\Test>javac *.java && java Program
Hello World!

C:\Users\onecklam\Desktop\Test>

C#

```
In [5]: %%writefile Program.cs
using System;

class Program {
    static void Main(string[] args) {
        Console.WriteLine("Hello World!");
    }
}
```

Writing Program.cs

```
In [6]: %%cmd
        csc *.cs && Program
```

```
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```

```
C:\Users\onecklam\Desktop\Test>csc *.cs && Program
```

```
for C# 5
```

This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see <http://go.microsoft.com/fwlink/?LinkID=533240>

```
Hello World!
```

```
C:\Users\onecklam\Desktop\Test>
```

Python

```
In [7]: %%writefile Program.py
        import sys

        class Program:
            def main(self, args):
                print("Hello World!")

        Program().main(sys.argv)
```

```
Writing Program.py
```

```
In [8]: %%cmd
        python Program.py
```

```
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```

```
C:\Users\onecklam\Desktop\Test>python Program.py
Hello World!
```

```
C:\Users\onecklam\Desktop\Test>
```